

# Mr. Janitorial Supplies

## PRODUCT CATALOGUE



WASHROOM PRODUCTS

ALL PURPOSE CLEANERS

ODOUR CONTROL

FLOOR CARE

BROOMS, BRUSHES & MOPS

KITCHEN & LAUNDRY

CLEANING EQUIPMENT

WASTE CONTROL & RECYCLING

MATTING

SHIPPING, PACKAGING & WAREHOUSE

MATERIAL HANDLING

SAFETY SUPPLIES

FOOD SERVICE DISPOSABLES

& MUCH MORE!



1 - 8 0 0 - 6 6 7 - 2 6 0 4

[www.mrjanitorialsupplies.com](http://www.mrjanitorialsupplies.com)

*“Your Total Supply Source!”*

# Mr. Janitorial Supplies

## "NO RISK GUARANTEE"

All of our products are warrantied to the extent of the manufacturer's express warranty to Mr. Janitorial Supplies. In addition, if you are not satisfied with any product you receive from us, you may return it within 30 days (shipped and in resaleable condition) for a full credit or refund. The return of custom and made-to-order products is subject to the prior approval and returned goods policy of the manufacturer.

"We will not be satisfied until you are."

Mr. Janitorial supplies has been servicing the Greater Toronto Area for the past twenty five years. We have a 30,000 square foot warehouse located in Newmarket Ontario. We are an ISO 9001:2008 and ISO 14001-2004 registered company with a sound quality assurance program in place. We employ a staff of 15 and operate three trucks daily that service our existing customer base with same or next day service. We are continuously developing new business and realizing yearly growth. During our twenty five years of business we have developed successful relationships with some of the industries top manufacturers such as 3M, SCA and Rubbermaid. We offer top quality products and service, understanding our responsibility to bring new and innovative products and solutions to our customers. Any-one can provide products for a price; we believe that providing the proper solutions to our customers is the key to maintaining successful customer relationships. Our wealth of experience in the supply industry has enabled us with the ability to look at a customer's requirements and recommend the proper solution. Our reputation and growth proves this approach has been successful for both the customer and us.



**ISSA MEMBER**  
The Experts  
on Cleaning and Maintenance



We accept all major credit cards

**1-800-667-2604**



Tel: (905)836-4250 Fax: (905)836-6235



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SCA

Rubbermaid®

Commercial Products

STOKO®  
An Ecolab brand

3M

Advance  
By Nilfisk Advance

TECHNICAL CONCEPTS

\* Indicates Green Product  
Throughout Catalogue**WASHROOM PRODUCTS**

PAGES 4-19

- Towels & Tissue • Hand Cleaners • Partitions/Dryers • Bathroom Cleaners

**ALL PURPOSE CLEANERS**

PAGES 20-27

- Detergents / Disinfectants • Glass • Drain • Degreasers • Twist N' Fill
- Green Cleaning Products

**ODOUR CONTROL**

PAGES 28-30

- Deodorant Blocks • Urinal Screens • Pucks • Dispensers • Counteractants
- Sprays • Deodorizing Systems

**FLOOR CARE**

PAGES 31-34

- Carpet • Hard Surface • Waxes • Sealers • Strippers

**BROOMS BRUSHES & MOPS**

PAGES 35-45

- Push • Corn • Angle • Dust & Wet Mops • Handles • Accessories
- Scrub Brushes • Dust Pans • Squeegies • Buckets • Microfibre

**KITCHEN & LAUNDRY**

PAGES 46-47

- Soaps • Fabric Softener • Dish Soap • Rinse Agents • Sanitizers

**CLEANING EQUIPMENT**

PAGES 48-59

- Vacuums • Carpet Cleaners • Burnishers • Polishers • Pressure Washers
- Walk Behind Scrubbers • Floor Pads • Dusting Tools • Window Cleaning

**WASTE CONTROL & RECYCLING**

PAGES 60-67

- Containers • Ashtrays • Waste Baskets • Garbage Bags

**MATTING**

PAGES 68-71

- Entrance • Anti-Fatigue • Slip Resistant • Industrial • Scrapers

**SHIPPING, PACKAGING & WAREHOUSE**

PAGES 72-74

- Pallet Wrap • Tapes • Bubble Wrap • Strapping • Kraft Paper • Newsprint

**MATERIAL HANDLING**

PAGES 75-77

- Utility & Service Carts • Tilt Trucks • Cleaning Carts

**SAFETY SUPPLIES**

PAGES 78-87

- Eye • Face & Head Protection • Fire Protection • Hand Protection • First Aid

**FOOD SERVICE DISPOSABLES**

PAGES 88-91

- Cups • Plates • Cutlery • Foil • Food Film • Napkins • Sponges • Scrubbers

**MISCELLANEOUS**

PAGES 92-107

- Lighting • Absorbants • Sweeping Compound • Ice Melters • Ladders
- Bottles & Sprayers • Signs • Office Supplies

**INDEX & GLOSSARY**

PAGES 108-133

- Dilution Chart (pg 108) • Glossary (pg 109) • WHMIS Data (pg 118)
- Index (pg 121)

# Towel Systems

**No levers. No touch dispensing. No hygiene worries.**

No touch dispensing systems by SCA Tissue and Mr. Janitorial Supplies provide portion controlled hygienic dispensing that saves you money and prevents cross-contamination.



Ask about our no charge  
loan to own program.

**Tork Intuition is the right choice.**

## Enhance your image...

Let the professionals at Mr. Janitorial Supplies present to you a wide variety of professionally installed towel dispensing options that improve your facilities overall look and feel.



#3420027 - White

#3420039 - Quartz



### TORKMATIC NO TOUCH TOWEL DISPENSER

- Mechanical roll towel dispenser.
- Hygenic no touch dispensing.
- Reliable and consistent, one towel every time.

#3420048 - White

#3420049 - Quartz

#3420065 - Nicklelite

### TORK INTUITION

- **Next Generation** state of the art electronic roll towel dispenser.
- Sleek new look and feel.
- No waste controlled consumption and stub roll feature.
- Fully programmable.
- Long battery life.



#2030038 - TorkMatic Kraft (6 x 700ft.)

#2030028 - TorkMatic Standard (6 x 700 ft.)

#2030010 - TorkMatic Plus (6 x 550 ft.)

#2050037 - TorkAdvanced (6 x 900ft.)

### TORKMATIC HAND TOWELS

- Pick the roll towel that best meets your facility's needs.
- TorkMatic Standard is a strong high quality white paper towel for everyday use.
- TorkMatic Plus is a premium quick-absorbing thicker paper towel with improved softness and strength.

# Tissue Systems

Let the experts at Mr. Janitorial Supplies show you cost-saving high capacity jumbo bath tissue systems.



#3410015 - Quartz  
#3410038 - White



Ask about our  
no charge  
loan to own  
program.

## T-TORK MINI TWIN SYSTEM

- High capacity never empty system.
- Hygienic cabinet design.
- Two roll system restricts access to second roll until 100% of first roll has been used.
- Covered roll design reduces risks of contamination.
- Perfect for high traffic restrooms or where increased efficiency and reduced costs are priorities.



*Cost effective  
bath tissue  
solutions.*



#2040006



## TORK BATH TISSUE

- High capacity bath roll.
- Simple to load and you receive complete roll usage reducing waste.
- A fully ecologo certified product.



#3410020



#3410021

#3410020 -White  
#3410021 - Quartz

## TORK BATH TISSUE SYSTEM

- A never empty system. When one roll is finished the second roll falls into position ready to be used.
- Conveniently stores two rolls of Tork bath tissue.
- Hygienic, top roll is fully covered.
- Equivalent to four conventional rolls.
- An attractive addition to any washroom environment.



# Towel Dispensers

*Don't forget the dispenser. Evaluating your washroom setup will help you choose the right dispenser for the environment. From roll towels, to folded towels, centre pull and hardwound jumbo towels, let our friendly staff help you make the right decision.*



#3420017

**SCA 84TR LEVER TOWEL DISPENSER**

- Lever operated hand towel dispenser with smoke front cover.
- Key access prevents pilferage.
- Stub roll feature.
- Universal fitment.
- Up to 800 foot towel for high capacity vending.



#3420022

**SCA MULTI FOLD TOWEL DISPENSER (73TR)**

- Slim profile design.
- Large paper capacity multi fold towel dispenser.
- Available in Black.



#3420045 - White


**TORK XPRESS**

- Unique interfolded towel dispensing system with a variety of dispensing options.
- Hygienic and user friendly operation.
- Multiple options to suit a wide range of applications.
- Perfect for most medical offices.



#3420007 - Quartz

#3420020 - White

**TORK M-BOX PRO**

- High capacity space saving design.
- Hygienic no touch dispensing system.
- Easy to load and operate.
- M-Box Pro WT is water resistant; perfect for wet and humid environments.



#3420035

**ATTENDANT ELECTRONIC TOWEL DISPENSER**

- Simple tear and dry delivery promotes good hygiene.
- New towel dispenses after being torn off.
- Perfect for busy washrooms.
- Time delay and sheet length totally programmable.
- Long battery life.



#3420002 - White  
#3420014 - Stainless Steel  
#3420015 - Chrome

**101 SINGLE FOLD, MULTI FOLD AND ROLL TOWEL CABINET**

- Universal white metal towel cabinet. Can accommodate single fold, multi fold and roll hand towels 8" wide and up to 350'.



# Towels & Tissue

Mr. Janitorial Supplies stocks a multitude of towels and tissue to meet and exceed the requirements of most facilities today. Please contact one of our product specialists for an on-site evaluation.

## Folded Towels



#2010003



### SINGLE FOLD WHITE HAND TOWELS 4000/CS

- Whitened for softness.
- 16 x 250 sheets.
- 100% recycled fibre, minimum 20% post-consumer waste.



#2020004



### MULTI FOLD HAND TOWELS WHITE 4000/CS

- Whitened for softness.
- Slim design can be used in medical offices and office buildings.
- 16 x 250 sheets.
- 100% recycled fibre, minimum 20% post-consumer waste.



#2010002

#2010006 - Value

### SINGLE FOLD KRAFT HAND TOWELS 4000/CS

- The most economical towel option.
- 16 x 250 sheets.
- Absorbent and strong.
- Made from 100% recycled fibre.



#2020003 - Standard

### TORK XPRESS

- A unique interfolded towel.
- Hygienic and user friendly.
- An ideal choice for upscale environments.
- Premium product is facial tissue quality when ultimate softness is required.



#2020005



### MULTI FOLD KRAFT HAND TOWELS 4000/CS

- When space is at a premium, multi fold towels are your solution.
- 16 x 250 sheets.
- 100% recycled fibre, minimum 20% post-consumer waste.



## Centre-Pull Towels



#2030033 - 2ply

### MINI CENTRE-PULL TOWELS (12/CS)

- Flexible towel delivery.
- Hygienic.
- Take one towel at a time, or as many as the job requires.
- 262 feet per roll.



#2030032 - 1 ply

#2030031 - 2 ply

### CENTRE-PULL TOWELS (6/CS)

- High capacity 600 ft. 2 ply or 984 ft. 1 ply.
- Tissue based product absorbs on contact.
- Used when higher quality is required.

## Roll Towels

#2030008



#2030053

#2030021 - 205 ft. (24/CS)

#2030017 - 420 ft. (12/CS)

#2030053 - 600 ft. (12/CS)

#2030008 - 800 ft. (6/CS)



### 8" KRAFT ROLL TOWEL

- Multiple sizes available.
- An economical alternative.
- Perfect for everyday tasks.
- Fits most lever and metal cabinet dispensers.
- 100% recycled paper, part of the environmental choice certified line of products.

#2030041



#2030051

#2030050

#2030022

#2030052

### HOUSEHOLD KITCHEN TOWEL

- 30 x 80 sheet rolls.
- 11" perforated.
- 2 ply.
- Highly absorbent.



Keeping the environment  
**green.**  
It's in all our hands.™

## Facial Tissue



Thumbs Up  
Product!



#2070004 - Value

#2070005 - Tork Advanced



### FACIAL TISSUE

- 30 boxes by 100 sheets.
- Our most popular facial tissue option.
- Perfect for most environments.



#2070007

### PREMIUM FACIAL TISSUE CUBE BOX

- Our highest quality facial tissue.
- Attractive package, enhances any decor.
- 2 ply tissue.
- 36 boxes by 95 sheets.

# Toilet Tissue Dispensers



#3410006

**SINGLE JUMBO TOILET  
TISSUE DISPENSER**

- Holds 1 roll of jumbo toilet tissue.
- Economical option.
- Easy to service.



#3410008


**JUMBO TWIN TOILET TISSUE  
DISPENSER**

- The most economical system for high traffic washrooms.
- Holds 2 rolls of Jumbo bathroom tissue.
- Roll protected, improved hygiene and reduced theft.
- Available in White and Quartz.

**See page 5 for  
cost effective  
bath tissue  
solutions.**



#3410010

**SINGLE CHROME STEEL  
DISPENSER**

- Holds conventional toilet tissue up to 500 sheets.
- Hidden locking mechanism.
- Simply pinch empty core to change roll.



#3410011

**DOUBLE CHROME STEEL  
DISPENSER**

- Holds conventional toilet tissue up to 500 sheets.
- Hidden locking mechanism.
- Simply pinch empty core to change roll.



# Toilet Seat Cover Dispensers



#3480014

**DISPOSABLE TOILET SEAT  
COVER DISPENSER**

- Health Gards dispenser available in white and black plastic.
- Chrome plated and stainless steel also available.



#3480010

**STAINLESS STEEL TOILET  
SEAT COVER DISPENSER**

- Health Gards dispenser available in white and black plastic.
- Chrome plated and stainless steel also available.

## Toilet Tissue



- #2050028 - 1 ply
- #2050029 - 2 ply value
- #2050030 - 2 ply premium

### JUNIOR JUMBO TOILET TISSUE

- Premium grade.
- 1000 ft.. - 2 ply x 12 rolls/cs.
- 2000 ft.. - 1 ply x 12 rolls/cs.
- High capacity jumbo toilet tissue.
- Cost effective for high traffic washrooms.



- #2050019 - 2 ply

### JUMBO TOILET TISSUE

- 4000 ft.. - 1 ply x 4 rolls/cs.
- 2000 ft.. - 2 ply x 4 rolls/cs.
- Jumbo size toilet tissue reduces maintenance time.
- Cost effective for high traffic washrooms.



### MINI JUNIOR JUMBO TOILET TISSUE

- 12 rolls x 750 ft.. 2 ply.
- Compact size when space is a concern.
- Premium quality paper.



- #2040012



### 420 SHEET TOILET TISSUE

- 420 sheet 2 ply x 48 rolls/cs.
- Offers everyday quality at an economical price.



- #2040026



### TORK ADVANCED 2 PLY TOILET TISSUE

- 500 sheet 2 ply x 48 rolls/cs.
- Our most popular brand.
- Through a perfect blend of pre and post consumer waste, Tork gives you recycled tissue products without sacrificing quality or performance.



- #2040067

### TORK PREMIUM 2 PLY TOILET TISSUE

- 400 sheet 2 ply x 96 rolls/cs.
- Premium grade.
- 100% recycled tissue product that doesn't sacrifice quality or performance.



- #2040008

### 1 PLY TOILET TISSUE

- 1000 sheet 1 ply x 48 rolls/cs.
- Our most popular brand.
- Through a perfect blend of pre and post consumer waste, Coronet gives you recycled tissue products without sacrificing quality or performance.



Keeping the environment  
**green.**  
It's in all our hands.™

# Feminine Hygiene Products



#3560015

## TAMPAX TAMPONS

- 200/CS
- 100% Cotton tampons in a paper and cardboard container.
- 100% biodegradable and flushable.



#3560011

## MAXITHIN NAPKINS

- 250/CS
- North Americas #1 name brand of sanitary napkins.



#3560010

## CAREFREE PANTY SHIELDS

- 200/CS
- Can be dispensed through any napkin or tampon vending machine.



#3560016

## SANITARY NAPKIN DISPOSAL UNIT

- Available in White or Stainless Steel.
- 22 gauge steel construction.



#3560013

## SANI-DISPOSAL BAGS

- 500/CS
- Waxed Kraft bag fits all standard disposal units.



#3480009 - 1000/cs  
#3480005 - 5000/cs

## DISPOSABLE TOILET SEAT COVERS

- Hygienic way to cover toilet seats.
- Accommodates most restroom stalls.
- Dispensers available. See pg 9.



#3470011

## SINGLE MAXI-PAD DISPENSER

- Choose from 25 cent, 50 cent or 1 dollar coin mechanisms.
- Powder coated white metal construction for durability.
- Stainless Steel and recessed models are available upon request.



#3470010

## SINGLE TAMPON DISPENSER

- Choose from 25 cent, 50 cent or 1 dollar coin mechanisms.
- Powder coated white metal construction for durability.
- Stainless Steel and recessed models are available upon request.



#3470008

## DUAL NAPKIN/TAMPON DISPENSER

- Choose from 25 cent, 50 cent or 1 dollar coin mechanisms.
- Powder coated white metal construction for durability.
- Stainless Steel and recessed models are available upon request.



# Soap Dispensers

Mr. Janitorial Supplies has the right solution to fit every environment and budget."

**NEW!**



- #3430101 - Grey White
- #3430102 - Black
- #3430167 - Chrome Black

#### GOJO LTX 12 HANDS FREE SOAP DISPENSER

- Easy to service, built to last.
- Pre loaded batteries.
- Spa inspired foam soaps.
- Lifetime battery warranty.



- #0170107 - Clear & Mild foam
- #0170177 - Pomeberry foam

#3430021

#### ONESHOT AUTO SOAP DISPENSER SYSTEM

- No-touch system, simply wave hand and soap dispenses automatically.
- Controlled dosage reduces usage and waste.
- Luxurious chrome finish design.



**TC**  
TECHNICAL CONCEPTS



#3430103 - White

#### PURELL LTX 12 HANDS FREE SANITIZER DISPENSER

- Purell advanced moisturizing foam hand rub.
- Clinically proven to maintain skin health.
- Nothing is harder on germs or easier on hands



#0170176 - Purell advanced hand rub (2/1200ml)



"Ask our friendly staff about our no charge soap systems"

#3430019

#### 30oz BULK FILL DISPENSER

- 30oz. capacity.
- Accommodates a wide variety of liquid lotion soaps.
- Easy to clean ABS plastic body.





The newest innovation in hand cleaners make hand washing an **enjoyable** experience.

## *Stoko Refresh*



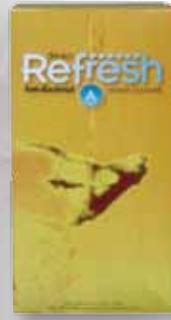
Full-bodied foam provides a firm, thick lather that easily covers skin surfaces so you know your hands are getting clean!

**Ask about our loan-to-own  
dispenser program.**

- 4 products available, moisturizing hand soap, anti-bacterial hand soap, dye and fragrance-free soap and hair and body wash.
- 800 ml cartridge, (6/case).
- New pump with every cartridge for hygienic hand washing. No clogging or failure of pump.
- 4 grams of product per pump.



#0170099



#0170102



#0170108



#0170103



## ALSO AVAILABLE

## **STOKO GEL**



#0170228 - (24/cs)  
• 4 oz. Flip top bottle.

#0170229 - (12/cs)  
• 8oz. pump bottle.

#0170153 - (6/cs)  
• 2000 ml. dispenser bottle.

- Ethanol-based gel that sanitizes hands without water.
- Kills 99.9% of common germs that cause disease.
- Contains a conditioner to prevent skin from drying out.
- Great for use when water is not available.

# Hand Cleaners



 Thumbs Up Product!

#0170104 - 4 litre (4/cs)

## PEARLY PINK HAND SOAP

- Rich pink hand cleanser.
- Our most economical option.
- A perfect mix of mild detergents and emollients that break down dirt and grime.

#0170114 - 4 litre (4/cs)

#0170444 - 205 litre

## OPALINE ANTI-BACTERIAL HAND SOAP

- A pearlized lotion hand soap that effectively kills a variety of micro-organisms.
- Also contains appropriate detergents to leave hands clean and soft.
- Hypo allergenic, no fragrance and no dye.



#0170071

## GOJO PUMICE CHERRY GEL

- Made with natural cherry oil.
- Offers great cleaning performance.
- Pumice and plastic scrubber.



#0170223 (4/2000ml)

## GOJO NATURAL ORANGE WITH PUMICE

- Made with natural orange oil.
- Offers great cleaning performance.
- Pumice and plastic scrubber.



#0170105 - 20 litre (ea.)

## PEARLY PINK HAND SOAP

- Rich pink hand cleanser.
- Our most economical option.
- A perfect mix of mild detergents and emollients that break down dirt and grime.

#0170119 - 4 litre (4/cs)

## OPALINE HAND AND BODY SHAMPOO

- With a soft pleasant fragrance, this hand and body soap is a great seller for fitness clubs, golf and country clubs, swimming facilities, etc.



#0170023 - 4 litre (4/cs)

## FOREST GREEN SHAMPOO

- An economical option for shower areas.
- A perfect mix of mild detergents that leaves your hair soft and shiny.



#3430617

**GOJO CX DISPENSER**

#0170199 (2/1500ml)

## GOJO CX COUNTER MOUNT REFILL

- Sanitary sealed
- Foam hand cleaner.
- Gojo neat dispenser design, eliminates drips for a cleaner image.



## Hand Cleansers



PRODUCT CODE	DESCRIPTION	Units/Case
	Light Duty Cleaners	
#0170097	Estesol - For everyday hand cleaning • Pleasant and economical	2000ml./6 CS
#0170156	Estesol Gold - Anti-bacterial • Contains Triclosan • Very mild • Gold colour	2000ml./6 CS
#0170096	Estesol Hair & Body - Enriched cleaner for showering and bathing the entire body	2000ml./6 CS
	Medium Duty Cleaners	
#0170111	Solopol - Out cleans waterless hand cleaners • Excellent skin compatibility • Solvent free	2000ml./6 CS
#0170178	Solopol - 4 litre Max - Same as above but larger size for less maintenance	4 ltr/2 CS
	Heavy Duty Cleaners	
#0170101	Kresto - For extra heavy cleaning of grease, oil, ink and carbon • Biodegradable walnut shell scrubbers	2000ml./6 CS
#0170100	Kresto - 4 litre Max - Same as above but larger size for less maintenance	4 ltr/2 CS



**STOKO VARIO SVP DISP.**

- Proven effective dispensing system.

### KWIK-WIPES

- Textured wipes for quick cleaning of dirt, grease and grime.

#0170036 - 70 pcs



#0170178

#0170100

#0170189 - 40 pcs

#2060038 - 130 pcs

# Bathroom Cleaners

## Sink & Tub Cleaners



#0110095- 946 ml (12/CS)

### SPAR CREME

- Ready to use clinging cream cleanser.
- Safe non acid.
- Pleasant lime scent.



#0120012- 400G (24/CS)

### AJAX

- Professional strength disinfectant cleanser.
- Bleaches, disinfects and removes stains.
- Mildly abrasive.



#0110111- 946 ml (12/CS)  
#0110017 - 3.78 litre (4/CS)

### RJ8

- Tile and grout cleaner.
- Controls mold and mildew stains.
- Wipes away soap scum.



#0120029 - 3.78 litre (4/CS)

### HIGH ACID CLEANER

- High active liquid acid.
- Quickly removes hard water scale.
- No dyes, no perfume, no butyl.

## Bowl & Urinal Cleaners



#0110075- 946 ml (12/CS)



#0110028 - 946 ml (12/CS)

### M.L.D.

- 25% phosphoric acid base.
- A safe and effective bowl and urinal cleaner.
- Formulated to cling to vertical surfaces.



### NABC

- Mild non acid bathroom cleaner.
- Cleans disinfects and deodorizes toilet bowls and urinals.



#0110048 - 946 ml (12/CS)



#0120057- 946 ml (12/CS)  
#0120028 - 3.78 litre (4/CS)

### PEROXY II FOAMING BATH CLEANER

- Foaming bath and all surface cleaner.
- Effectively removes soap scum, light rust, mineral deposits.
- Citric acid and hydrogen peroxide blend.

# Washroom Accessories

## Washroom Partitions

### WASHROOM PARTITIONS

• Mr. Janitorial Supplies offers a wide range of washroom partitions for almost any environment. Let one of our friendly sales staff help guide you in the right direction, whether it's new construction or renovation.

- With 4 styles to choose from:

FLOOR ANCHORED/OVERHEAD BRACED  
CEILING HUNG  
FLOOR ANCHORED  
FLOOR AND CEILING ANCHORED

- 5 different materials to choose from:



POWDER COATED  
STAINLESS STEEL  
PLASTIC LAMINATE  
PHENOLIC  
POLYMER



## Grab Bars



### GRAB BARS

- Available in 18, 24, 30, 36 and 48" lengths by 1-1/4" dia.
- Grab bars are of an all stainless steel construction. The brushed and peened finish make this an attractive cost effective product to specify for any installation. Stamped flange is 12 gauge stainless with a full 360 degree bead weld to the 18 gauge stainless tubing.

#### Barrier Free Access:

- Our grab bars comply with handicap codes requiring 1-1/4" to 1-1/2" bar diameter and wall clearance of 1-1/2". Barrier free access specifications may vary depending on your local building code.

## Hand Dryers



#3510065  
**HD903 - ECONOMY SERIES**

- A touchless and automatic.
- 30 second dry time.
- High grade fire retardant ABS.

**NEW!**

#3510066  
**HD980 - ISTORM**

- Ultra high speed hand dryer
- Incredible 10 second dry time.
- Users dry hands in a natural comfortable position, without water splash back.



#3510055  
**HD950 - BLUE STORM**

- Completely touchless.
- Dries hands in less than 15 seconds.
- Energy saving, by shutting off when hands are removed.



All hand dryers are available in 120v and 220v.



**TECHNICAL CONCEPTS**

# DO YOU HAVE A



# Touch-Free Restroom?

Our passion is to create Customer Delight for those who visit restrooms away from home, by addressing the following needs:

- Satisfying the public's demand for greater protection against cross contamination and infectious disease.
- Improving overall facility image.
- Maintaining clean sanitary restrooms throughout the day.
- Controlling cost while providing enhanced levels of service.
- Meeting ADA requirements.



Let the staff at Mr. Janitorial Supplies guide you in the right direction in selecting the best suiting touch-free equipment for your restroom.

## user-friendly

Technical Concepts provides a complete touch-free, automated restroom experience.

## reliability

Our passion is to create reliable products for those who visit restrooms away from home.

## cost-effective

Cost-effective products help reduce costs greatly and save you money.

Research, development, investment, ingenuity and persistence have made Technical Concepts the washroom automation leader in North America.

Technical Concepts leads the way in world-class reliability, ease of installation, user-friendly performance and delivering cost-effective customer delight.

## Baby Change Tables



#3520005 - Horizontal

#3520008 - Vertical

### BABY CHANGE TABLE

- Smooth-hinge system and hidden piston reduce potential pinch points.
- Gusset support system provides increased strength and stability.
- Rated for up to 50 lbs.
- Built in liner storage and diaper bag hooks.



Closed view

#3520011

### CHILD PROTECTION SEAT

- The newest value added feature for high traffic washrooms.
- Simply strap little Johnny or Jill into seat while you use the facilities.
- Polyethylene seat and back.
- Features microban antimicrobial protection.



Closed view

**Rubbermaid**  
Commercial Products

## Diaper Disposal



#3520010

### KOALA KARE CENTER

- Surface or recessed mount counter top baby changing station is available for bathrooms where wall space is limited.
- High quality construction and properly installed products comply with all ADA regulations.
- Features microban antimicrobial protection.

## Baby Change Table Liners

#3520041 - 3-ply (500/cs)

### BABY CHANGE TABLE LINERS

- Protective liners for baby change stations.
- Laminated 3-ply tissue paper.
- Large 13"x19" dimension is suitable for most brands and styles of baby change stations.



## Detergents



Thumbs Up  
Product!

#0100059 - 20 litre (ea.)



#0100051 - 4 litre (4/cs)



#0100060 - 205 litre (ea.)

### CITRUS TECH

- A unique concentrated non-toxic biodegradable cleaner that is economical to use.
- A breakthrough in cleaners that is non-caustic and contains no harsh solvents.
- Removes oil, grease, and tar from engines, equipment and floors while leaving a fresh citrus scent.
- Our most popular all purpose cleaner.

## Glass Cleaners

#0100044 - 539g. (12/cs)

### AEROSOL GLASS AND PLASTIC CLEANER

- Cleans away heavy dirt and oily film.
- Tested safe on plexiglas.
- Wipes clean, quickly and easily.

#0100049 - 4 litre (4/cs)

#0100050 - 20 litre (ea.)

### AX 707 WINDOW CLEANER

- Non-streaking and non-filming glass cleaner.
- Safe for use on mirrors, windows, counter tops and all plastic surfaces.



Thumbs Up  
Product!



#0100095 - 5 litre (4/cs)

#0100011 - 765 ml. (12/cs)

### WINDEX

- The brand name says it all!
- An institutional strength formula which leaves no streaks or film.



#0100288 - 946ml (12/cs)

#0100290 - 3.78 litre (4/cs)

#0100291 - 18.9 litre (ea)

### BIORENEWABLES GLASS CLEANER

- Formulated to clean mirrors, glass and plexiglas.
- Cleaner is a non-VOC, fully biodegradable product.



#0100176 - 946 ml (12/cs)

### TOUGH DUTY ALL PURPOSE CLEANER

- Industrial strength cleaner and degreaser.
- Quickly penetrates ground in grease.
- Simply spray and wipe.



### SC - 200 HD INDUSTRIAL CLEANER

- High alkaline, solvent-based extra heavy duty industrial cleaner.
- Attacks grease and encrusted soil on concrete.

## Furniture Polish & Cleaner



#0100016 - 496g (12/cs)

### FURNITURE POLISH

- Creamy, silicon, bees wax and lemon oil polish that cleans and restores moisture to wood surfaces.



#0100159 - 510g (6/cs)

### PLEDGE AEROSOL

- The name brand says it all.
- Polishes, protects and cleans furniture and wood.
- Leaves a beautiful shine.



#1110008 - 3.78 litre (4/cs)

### AQUA SPORT WOOD FLOOR CLEANER

- Specialty cleaner for wood surfaces and floors.
- Cleans and restores wood to its original state.



#0100155 - 946 ml (12/cs)

### PREMIUM WOOD POLISH

- A thick silicon based furniture polish.
- Fortified with carnauba wax.

## Stainless Steel Cleaners & Polishes



#0220009 - 4 litre (4/cs)

### STAINLESS STEEL CLEANER

- A liquid stainless steel cleaner.
- Perfect for removing grease, soil and fingerprints on metal or other stainless steel surfaces.

#0220008

### STAINLESS STEEL & METAL POLISH

- Extra strength no rinse cleaner
- Ready to use.
- Non-abrasive
- Delivers high quality performance.



#0220001 - 1000 ml. - (ea.)

### PEEK

- A unique formula that cleans, polishes and protects fibreglass ceramics and all metals.



#0220011 - 600g. (6/cs)

### 3M STAINLESS STEEL CLEANER AND POLISH

- An aerosol all-in-one stainless steel and polish cleaner.
- Delivers high quality performance.
- Food approved.



## Drain Cleaners



#0100040 - 946 ml (12/cs)

### BLOC - AID

- A powerful fast acting drain opener.
- Dissolves organic waste blockages.
- Industrial strength.
- Non acid formula.



#0100004 - 1 litre (12/cs)

### DRAIN MASTER

- A powerful fast acting drain opener.
- Dissolves organic waste blockages.
- Industrial strength.

## Disinfectants

#0160006 - 3.78 litre (4/cs)

### PINE SANITIZER

- A pine scented disinfectant cleaner.
- Also an excellent fungicide and odour counteractant.



#0140031 - 3.78 litre (4/cs)

### SPARTA-SAN 10

- 10% quaternary disinfectant.
- Excellent for use for food processing, nursing home, hospitals and restaurants.



#3530055 - 350 g (12/cs)

### LYSOL DISINFECTANT SPRAY

- The name says it all!
- Professional strength multi-surface disinfectant and deodorizer.
- Kills odours at the source.



#0140088 - (6/cs)

### CLOROX DISINFECTING WIPES LEMON SCENT

- 75 wipes per tub.
- Tear resistant cushioned wipes.
- Kills 99.9% of bacteria in 30 seconds.

#0140028 - 4 litre (4/cs)

### BENEFECT

- A simple and easy to use disinfectant.
- 100% natural.
- Our most popular product for mold remediation.
- The only product to use after a flood.



#0140007 - 4 litre (4/cs)

#0140008 - 20 litre (ea.)

### FRESH SCENT

- A germicidal disinfectant detergent that helps eliminate bacteria on hard surfaces.



Thumbs Up Product!

#0140033 - 3.78 litre (4/cs)

### DAMP MOP QUAT

- Disinfectant cleaner for damp mopping floors.
- Effective against HIV, HCV, HBV, MRSA & VRE



#0140089 - (6/cs)

### CLOROX DISINFECTING WIPES FRESH SCENT

- 75 wipes per tub.
- Tear resistant cushioned wipes.
- Kills 99.9% of bacteria in 30 seconds.



#0140024 - 1 litre (12/cs)

#0140035 - 4 litre (4/cs)

#0140034 - Wipes (160/tub)

### VIROX

- For a higher degree of care.
- A powerful hospital grade disinfectant.
- Effective against 99.9% of known bacteria.
- Broad spectrum sanitizer.



# Specialty Cleaners



#0100091 - 946 ml (12/cs)  
 #0100089 - 3.78 litre (4/cs)



### GRAFFITI REMOVER SAC

- A ready to use product.
- Made with soy bean and corn bio based solvent.
- Removes tough marks and stains.

#0100102 - 142g (12/cs)

### 3M CITRUS BASE CLEANER

- A citrus based cleaner.
- Excellent for removing grease and oil from all surfaces.
- Can also be used as an adhesive and graffiti remover.



#0100265 - 3.78 litre (4/cs)

### ORANGE TOUGH

- A water dilutable and rinsable all purpose degreaser with d-limonene.
- A unique blend of builders, surfactants and wetting agents.



#0100046 - 4 litre (4/cs)

### VINEGAR ACETIC ACID

- 6% acetic acid.
- Used for all surfaces.
- Excellent on glass and mirrors.



#0150007 - 3.78 litre (4/cs)  
 #0150008 - 18.9 litre (ea.)

#0150010 - 208 litre (ea.)  
*Xtreme Rapid Transit*

### XTREME CUSTOM CAR WASH

- Highly concentrated.
- For use in hard, coin operated and automatic car washes.
- Rinses easily with no streaking.



#0150012 - 50lbs. (ea.)

### GARAGE FLOOR CLEANER

- A powdered cleanser for cleaning grease and oil in garages, service stations and machine shops.



#0120038 - 4 litre (4/cs)

### FREEZER CLEANER

- Biodegradable.
- Food grade approved.
- Used to clean walk-in and chest freezers.



#1120018 - 3.78 litre (4/cs)

### GREEN SOLUTIONS ALL PURPOSE CLEANER

- Environmentally preferable.
- Formulated to quickly penetrate emulsify and remove light to medium soils.



#1510011 - 3.78 litre (4/cs)

### GREEN SOLUTIONS CARPET CLEANER

- Environmentally preferable.
- Features a powerful low foam surfactant.
- Non Corrosive, safe on most types of carpets.



#0100083 - 3.78 litre (4/cs)

### GREEN SOLUTIONS GLASS CLEANER

- Environmentally preferable.
- State of the art surfactant.
- Dries fast without streaking.
- No added dye or fragrance.



#0120033 - 946 ml (12/cs)

### GREEN SOLUTIONS RESTROOM CLEANER

- Environmentally preferable.
- A natural acid.
- Toilet, urinal and shower room cleaner.
- Quickly removes soap scum and water spots.



Think • Act • Lead

#### THINK:

A delicate balancing act of satisfying human needs today while protecting the environment for future generations. A sustainable approach requires careful consideration of environmental impact at every stage of the life cycle of a product or process.

#### ACT:

Environmental accountability may begin with regulatory compliance but at Mr. Janitorial Supplies, it goes well beyond the basics. We take our role as a model corporate citizen very seriously, making sure our actions match our words everywhere we do business.

#### LEAD:

Mr. Janitorial Supplies realizes that many of its customers avidly support sustainability standards. That is why we provide an array of products that help customers meet the requirements of various certification systems or specialized procurement guidelines. By specifying environmentally-responsible products, customers can be confident they are taking a step in the right direction for earning points in LEED or other sustainable-building operations rating programs.



**Consult Mr. Janitorial Supplies for more information on Green Cleaning and LEED.**

Make A Big Difference



#0100087 - 3.78 litre (4/cs)

#0100093 - 18.9 litre (ea)

#0100104 - 208 litre (ea)

### GREEN SOLUTIONS INDUSTRIAL CLEANER

- A non toxic heavy duty liquid cleaner.
- Formulated with a super surfactant cleaning system.
- Engineered to quickly remove petroleum based soils with efficiency.



The EcoLogo Program is the second oldest and second largest eco-labeling program in the world. EcoLogo is regarded as North America's leading benchmark of environmentally-friendly products and services. It is one of the most comprehensive certification systems available to companies interested in demonstrating their environmental commitment across the entire manufacturing process.

**MR JANITORIAL SUPPLIES  
IS A MEMBER OF:**



Tel: (905)836-4250 • Fax: (905)836-6235 • Toll Free: 1-800-667-2604



# Chemical Management System



## Money Saving Dilution Solutions to Suit Your Special Needs!

Mr. Janitorial has developed a group of proportioning systems to provide the products, packaging and price flexibility you need.



### Reduced Cost of Maintenance Chemicals

- Mr. Janitorial Versa fill Proportioning System utilize standard gallons. No extra SKU's to store and inventory. You don't pay high cost "special" packaging.
- Over 50 high quality products. You choose the products that best solve your cleaning problems.
- Highly concentrated formulas offer exceptional economy at end-use dilution. You save money!





# CLEAN by Peroxy®

THE TOTAL CLEANING SYSTEM

- One Product
- One Dispenser
- Convenient
- Economical

Clean by Peroxy is a Green Seal Certified all-purpose cleaner that is environmentally compatible and environmentally conscious. It quickly removes everyday soils, including greasy residue.

The active ingredient in Clean by Peroxy All-Purpose Cleaner has a degradation profile that breaks down into oxygen and water. It is a non-viscous, biodegradable, phosphate free and is easily waste treatable.



## All-You-Need

Pale blue in color, with a fresh spring rain fragrance, Clean by Peroxy is pleasant to use. It tackles most soils and can be characterized as an all-you-need, all-purpose cleaner. Clean by Peroxy has been created from specially selected surfactants and blended with hydrogen peroxide. This combination provides unprecedented cleaning action to most surfaces and surface soils. Clean by Peroxy will even tackle grease and grime found in grout and on glazed ceramic tile! Use Clean by Peroxy on any surface not harmed by water.



#0100136 - 3.78 litre (4/cs)

#0100137 - 18.9 litre (ea)

## One-Product Simplicity

Clean by Peroxy is a unique product that will effectively clean windows, mirrors, floors, walls, carpets, restrooms, kitchens, tile and grout without streaking. By stocking Clean by Peroxy in your inventory, you minimize SKUs, inventory surplus, and employee training. Having one product to choose from will reduce accidental product mix-ups.

# Odour Control

## Urinal Pucks & Screens



#0110009 - apple (12/cs)

**TOILET RIM CAGE**

- Cleans and deodorizes bowls for up to 30 days.
- Non-staining, non-toxic and biodegradable.



#0110031 - apple (12/cs)

#0110032 - cherry (12/cs)

**URINAL SCREEN WITH NON PARABLOCK**

- Deodorizes up to 30 days.
- Non-staining, no splash design.
- Non-toxic and biodegradable.



Thumbs Up Product!



#0200079 - 946 ML(12/cs)

#0200078 - 3.78 litre (4/cs)

#0200080 - 18.9 litre (ea.)

**CONSUME**

- A bacteria culture that will safely dispose of all organic stains, odours and soils.
- Environmentally safe.
- Non-toxic and acid-free.
- Also a great grease and waste digester!



#3530003 - 16oz.(12/cs)

**DEODORANT BLOCK**

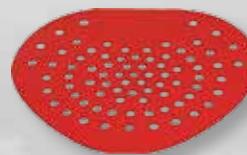
- A cost effective deodorizing program.
- Works 24 hours a day to continuously eliminate malodours at the source.



#0110012 - 3oz. (12/cs)

**URINAL PUCKS**

- Ideal for use with urinal screens.
- Most versatile cost effective program for neutralizing odours.



#0110036 - cherry (ea.)

#0110037 - bubble gum(ea.)



#0110071 - Icemint (ea.)

#0110070 - Mango (ea.)



#3450006 - Plastic

#3450008 - Metal

**DEODORANT BLOCK HOLDER**

- Fits 16oz. deodorant blocks.
- Durable 100% plastic, will not rust or corrode.
- More venting for improved air circulation.

## Automatic Hygiene & Odour Control System

#3450005 - dispenser (ea.)

#3530091 - mandarin orange cartridge (6/cs)

#3530038 - clean lemon cartridge (6/cs)

**AUTOCLEAN®**

- Cleans and deodorizes toilets and urinals while providing a clean fresh scent for the smaller restroom...

**ALWAYS CLEAN**

- Powerful cleaning solution prevents unsightly stains and scaling.
- Constant aiming action cleans everywhere water goes.
- Quaternary agent helps reduce bacteria growth.

**ALWAYS FRESH**

- AutoJanitor cleaner and deodorizer refills neutralizer malodours and leaves a clean, fresh fragrance.

**ALWAYS ODOUR FREE**

- Continuous cleaning eliminates odours at the source.

Looks Clean - Smells Clean - Is Clean™


  
TECHNICAL CONCEPTS

# Odour Control System



#3530082 - 180 g (12/cs)

**ORANGE JR.**

- Removes unpleasant odours from restaurants, hospitals, hotel rooms, bathrooms and health clubs.
- Eliminates stale musty odours and replaces them with a pleasant citrus scent.



#3530046 - 180 g (12/cs)

**APPLE JR.**

- Removes unpleasant odours from restaurants, hospitals, hotel rooms, bathrooms and health clubs.
- Eliminates stale musty odours and replaces them with a pleasant apple scent.



#3530094 - 180 g (12/cs)

**FRESH LINEN JR.**

- Removes unpleasant odours from restaurants, hospitals, hotel rooms, bathrooms and health clubs.
- Eliminates stale musty odours and replaces them with a pleasant fresh linen scent.



#3530073 - 180 g (12/cs)

**VANILLA JR.**

- Removes unpleasant odours from restaurants, hospitals, hotel rooms, bathrooms and health clubs.
- Eliminates stale musty odours and replaces them with a pleasant vanilla scent.



#3450000

**AUTOMATIC AEROSOL DISPENSER**

- CSA Cirrus #2
- LCD fully programmable dispenser with clock
- Battery powered



#3530022 - 368 g (12/cs)

**ATTACK DEODORIZER**

- Removes unpleasant odours from restaurants, hospitals, hotel rooms, bathrooms and health clubs.
- Eliminates stale musty odours and replaces them with a pleasant citrus scent.

# Deodorizing Chemicals



#3450019 - ea

**RUBBERMAID 9C90 SEBREEZE DISPENSER**

- Use as a wall-mounted or free standing unit.
- 24 hour odor control for a full 30 days.
- Air flow vents and battery operated fan disperse fragrance continuously for complete room coverage.



#3530017 - (6 c/s)

**RUBBERMAID WINTER MINT CASSETTE**

- Gels absorb odors in the air and convert them to non-toxic, odorless compounds.
- Patented Fragrance Cassette® Canister includes battery for easy, one step replacement.
- 24 hour odor control for a full 30 days.



#3450026 - Autoclean dispenser

#3530105 - Mandarin Orange (6/cs)

#3530083 - Purinel Concentrate (6/cs)

**TC® AUTOCLEAN URINAL CLEANER & DEODORIZER**

- Refills deliver consistent metered dosage of fragranced cleaning solution to clean & deodorize fixtures.
- Flexible programming options: up to 90 day refill cycle settings



#3530122 - 25 lbs. (ea.)

**ODOUR ABSORBING DUMPSTER PELLETS (CHERRY)**

- Deodorizing granules that counteract malodours.
- Perfect for odour control in dumpsters, compactors, trash cans, etc.



#3530084 - 42 ml. (12/cs)

**KWIW-WICK DEODORIZER**

- Freshens for 45-60 days.
- Adjustable wick.
- Non-spill bottle.



- Thumbs Up Product!
- #1530005 - 946ML ((Fresh Scent ) 12/cs)
  - #1530004 - 3.78 litre (Fresh Scent) (4/cs)
  - #3530009 - 946ML (Smoke & Odor) (12/cs)

**AIRLIFT DEODORIZER**

- A concentrated counteractant to eliminate odours in bathrooms, basements, kitchens etc.
- Leaves a pleasant, fresh fragrance.



#3530055 - 350 g (12/cs)

**LYSOL DISINFECTANT SPRAY**

- The name says it all.
- Professional strength multi-surface disinfectant and deodorizer.
- Kills odours at the source.

# Carpet Care



#1510078 - 3.78 litre (4/cs)  
#1510079 - 18.9 litre (ea.)

## XTRACTION II

- Fast acting heavy duty carpet cleaner.
- For use with hot or cold water.
- Non Corrosive biodegradable phosphate free.

#1520009 - 4 litre (4/cs)

## PAINT, OIL & GREASE REMOVER

- A special blend of dry cleaning solvents to remove oil-based stains such as paint and grease.



#1580001 - 450 ml. (12/cs)

## RUST REMOVER

- A blend of acid and special detergents that will quickly remove all rust stains from carpets and fabrics.



#1510013 - 3.78 litre (4/cs)  
#1510025 - 946 ml (12/cs)

## CONTEMPO H<sub>2</sub>O<sub>2</sub> SPOTTER

- A convenient, hydrogen peroxide-based carpet spotting solution.
- Easily removes most organic spotting problems.



#1510067 - 3.78 litre (4/cs)

## DEFOAMER

- Silicone based defoamer.
- Helps fight suds as they are formed.
- Formulated for use with extraction machines.



#1520008 - 4 litre (4/cs)

## COFFEE & TEA SPOT REMOVER

- Specially formulated to remove coffee and tea stains.
- A popular and economical solution.



#1550001 - 170 g (12/cs)

## GUM & WAX REMOVER

- Quickly freezes gum or wax for easy removal.
- Contains no solvents to harm carpet or underpad.
- Odour free, non-flammable.
- Ozone friendly.



#1520003 - 425 g (12/cs)

## RUG AND UPHOLSTERY SPOT CLEANER

- Quickly loosens and dissolves oil-based spots and stains from carpet and upholstery.
- Perfect for removing lipstick, grease and shoe polish.



#1540089 - 3.78 litre (4/cs)

## SPARTAGARD

- Teflon based carpet protector.
- Extends cleaning and maintenance cycles and maintains quality of carpet.

# Hard Floor Care



#1120055 - 3.78 litre (4/cs)

## MARBLE MOP

- A film-free concentrate for damp mop maintenance for marble and stone floors.
- An easy and cost effective solution.
- No rinse formula.



Thumbs Up  
Product!



#1120008 - lemon 4 litre (4/cs)  
 #1120007 - lemon 20 litre (ea.)  
 #1120011 - lemon 210 litre (ea.)  
 #1120009 - pine 4 litre (4/cs)  
 #1120010 - pine 20 litre (ea.)

## AX 500 FLOOR SOAP

- Our most popular hard floor cleaner.
- Excellent for tough soil conditions.
- Controlled suds for easier pickup.
- Available in Pine or Lemon scent.



#1570001 - 4 litre (4/cs)  
 #1570002 - 20 litre (ea.)

## SALT BUSTER

- A unique formula used to remove white film left by salt in the winter.
- Can be used on carpets and all hard floors.
- Will not harm waxed floors.





# Featuring Spartan Products



Thumbs Up  
Product!



#1111950 - 3.78 litre (4/cs)  
#1111951 - 18.9 litre (ea.)

#### ISHINE

- An excellent all round sealer/finish.
- Provides a brilliant durable long-lasting gloss finish.
- 25% solids.
- Excellent slip resistance.
- Amplifies overall gloss of floors.



#1101947 - 3.78 litre (4/cs)

#### ON AN' ON

- 25% solids.
- Non buff interlock floor finish
- Required fewer coats, reducing labour time.
- Durable long lasting shine.
- Self leveling, applies with ease



#1110031 - 18.9 litre (ea.)

#### THE FIXX

- 25% High solids for finish & sealer
- Formulated for high and ultra high speed buffing
- Provides initial deep gloss that will increase over time.



#1110046 - 18.9 litre (ea.)

#### FLOOR FRONT

- High gloss, low maintenance floor finish
- Enjoy measurable labour savings with floor front.
- Requires half the burnishing, recoating & stripping of other zinc free finishes.



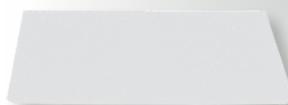
# Floor Strippers



#0100098 - 3.78 litre (4/cs)  
#0100097 - 18.9 litre (ea.)

## SQUARE ONE

- A powerful fast acting floor stripper designed to remove wax buildup and heavy soils from most hard surface floors.



#4050013 - 4 5/8" x 10" (ea.)  
**WHITE DOODLEBUG PAD**

- A light duty polishing pad used to clean baseboards and edges.
  - Works with a doodlebug holder.
- #4050000.



#4050010 - 4 5/8" x 10" (ea.)  
**BLUE DOODLEBUG PAD**

- A medium duty scrub pad used to scrub baseboards and edges.
  - Works with a doodlebug holder.
- #4050000.



#4050016 - 4 5/8" x 10" (ea.)  
**BLACK DOODLEBUG PAD**

- A heavy duty scrub pad used to scrub baseboards and edges.
  - Works with a doodlebug holder.
- #4050000.



#4050017 - 4 5/8" x 10" (ea.)  
**3M HIGH-PRO SCRUB PAD**

- A unique open construction pad with tough fibres and abrasives, makes fast work of heavy duty scrubbing jobs.
  - Works with a doodlebug holder.
- #4050000.



#1110033 - 3.78 litre (4/cs)  
#1110032 - 18.9 litre (ea.)

## STEP DOWN

- A low odour liquidator.
- Non-Butyl low VOC.
- Minimum foam.
- Ideal for confined areas.



#1140002 - 600 g (12/cs)

## 3M TROUBLE SHOOTER

- A heavy duty floor and baseboard stripper.
- A must have for hard to reach areas or spot stripping.
- Works with all floor finishes.



#4050000  
#4460016 - 54" Tapered handle

## DOODLEBUG HOLDER

- 9 inch flat pad holder.
- Unique design permits swivel action in all directions for hard to reach areas.
- Built in teeth holds scrub pads firmly in place.

# Floor Maintainers



#1100010 - 946ML (12/cs)  
#1100007 - 3.78 litre (4/cs)

## SPRAY BUFF

- Blend of detergents and polymers
- Removes black heel and scuff marks.
- Minimizes floor care maintenance.



#1101948 - 3.78 litre (4/cs)

## BOUNCE BACK

- Gives you that *just finished* shine.
- Keeps your floors looking their best at all times.
- Fast drying.

# Brooms

## Push Brooms

### FINE SWEEPING



#4410007 - 18"

#4410008 - 24"

### STYRENE FILL SOFT PUSH BROOM

- Ideal for fine sweeping on smooth surfaces such as tile, linoleum and hardwood floors.

### MEDIUM SWEEPING



#4410002 - 18"

#4410003 - 24"

#4410004 - 36"

### TAMPICO FILL MEDIUM PUSH BROOM

- Best all round purpose fibre for medium sweeping.
- Excellent on smoother surfaces such as tile, wood and sealed concrete.

### COARSE SWEEPING



#4420001 - 14"

#4420002 - 18"

#4420003 - 24"

#4420004 - 36"

### COARSE SWEEPING GARAGE BROOM

- Durable heavy duty polystyrene makes this broom ideal for sweeping the heavy soils on rough surfaces in wet or dry environments.



\* All of the above brooms are available with plastic blocks for food service applications.

Call a member of our friendly staff for more information.



#4460015 - 54"

### THREADED METAL TIP BROOM HANDLE

- Metal tip handles are ideal for rugged use.
- Available in 54" and 60"

#4460016 - 54" (15/16" thick)

#4460017 - 54" (1 1/8" thick)

### TAPERED BROOM HANDLE

- Constructed from hardwood and used for a variety of tasks.

#4460011 - 54"

#4460018 - 60"

### FIBREGLASS HANDLE

#4460013 - 54" - Threaded  
#4460001 - 60" - Tapered

### THREADED BROOM HANDLE

- An economical broom handle with a variety of uses.
- Lacquer coated for comfort.

- Ideal for food service use.

## Broom Braces



#4470003 - Short brace  
#4470004 - Long brace



### METAL BROOM BRACE

- Extra handle support reduces handle breakage common with heavy usage.
- Short brace is perfect for 14" and 18" brooms.
- Long brace is ideal for 24" and 36" brooms.

## Corn Brooms

All corn brooms are bound and nailed to hardwood handles and made using only premium quality corn. They are designed for long life and durability. These brooms are excellent for either hard or carpeted floors. For indoor and outdoor use.

PRODUCT CODE	DESCRIPTION	HANDLE DIA.	QTY/CASE
#4450011	Corn Whisk	N/A	12/CS
#4450010	3 String Corn Broom	15/16"	12/CS
#4450006	3 String 1 Wire Corn Broom	1 1/8"	12/CS
#4450007	1 String 3 Wire Corn broom	1 1/8"	12/CS



#4450010

**CB 103 TOY BROOM**

- Small, light toy broom.
- Can be used with one hand.
- A great companion to the lobby dustpan or litterscoop.



#4450011

**CB 102 CORN WHISK**

- A convenient way for quick clean up of crumbs, ashes or any dry material.



#4450006

**CB 107C CORN BROOM**

-  Thumbs Up Product!
- Heavy duty indoor/outdoor corn broom.
  - Our most popular option for most sweeping jobs.
  - 1 galvanized wire and 3 strings.



#4450007

**CB 110 CORN BROOM**

- Extra Heavy duty warehouse broom with cane center.
- 3 galvanized wires and 1 string provide added durability and longer life.

## Magnetic & Angle Brooms



#4440007

### LARGE ANGLE BROOM

- Long wearing and unbeatable for strength and durability.
- Ideal for cleaning corners, under counters and hard to reach areas.



#4430008

### LARGE FLAT MAGNETIC BROOM

- Made with the highest quality materials and a large curve block.
- Perfect for heavy duty sweeping.



#4440002 - soft bristles  
#4440001 - stiff bristles

### INDUSTRIAL ANGLE BROOM

- Constructed using poly-pro fibres fused to a plastic block that prevents bacteria.
- Handle sold separately.

## Dust Pans & Litter Scoops



#4640002

### DUSTPAN & BANNISTER BRUSH SET

- Plastic economy dustpan and brush set.
- Ideal for spot cleaning in most environments.



#4640004

### 12" HEAVY DUTY PLASTIC DUSTPAN

- Molded from high impact poly-pro plastic that won't crack, chip or dent and withstands rough treatment.



#4630002

### 12" HEAVY DUTY METAL DUSTPAN

- Metal dustpan won't crack, chip or dent.
- Withstands rough treatment.



#4620004

### PLASTIC LOBBY DUST PAN

- Light weight impact resistant plastic.
- Works great for spot cleaning.
- Use with toy broom #4450010.



#4620002

### METAL LOBBY DUST PAN

- Self closing metal hood.
- Large capacity.
- 22 gauge steel body.
- Use with toy broom #4450010.



#4610004

### LITTER SCOOP

- Large capacity collection bag for litter, trash or garden debris.
- Chrome plated, machine welded scoop frame.
- Heavy duty nylon reinforced fibre bag.
- Replacement bags available #4610005.

# Brushes

## Bowl Brushes



#3540001

**ACRYLIC BOWL SWAB**

- An economical bowl swab made to resist acid.
- Works best with "Bowl Master" product #0110039.



#3540002

**BOWL SWAB WITH CUP**

- Optional squeeze cup allows you to ring out swab quickly and easily without ever touching the swab.



#3550002

**BOWL BRUSH**

- Polypropylene brush helps facilitate scrubbing and cleaning of toilet bowl.



#3550003

**BOWL BRUSH WITH HOLDER**

- Plastic holder allows for easy upright storage of bowl brush.



#3550004

**TURKS HEAD BOWL BRUSH**

- The ultimate heavy duty brush.
- Heavy duty polypropylene fibre.



#3500005

**BOWL CADDY**

- Strong durable plastic caddy.
- Holds both bowl cleaner and swab.



#4010003 - Regular

#4010002 - Heavy Duty

**TOILET PLUNGERS**

- 2 styles available.
- Made with heavy duty rubber.

## Scrub Brushes



#4500006

**UNIVERSAL SWIVEL SCRUB BRUSH**

- Swivels in every direction to easily scrub all surfaces.



#4540004

**DECK SCRUB BRUSH**

- Ideal for light to heavy scrubbing of floor surfaces.
- Features squeegee for quick water removal.



#4560003

**FLEXI SCRUB BRUSH**

- Unique design allows brush to wrap around multiple shapes.



#4560011

**HAND SCRUB BRUSH**

- An old standby. Used for scrubbing all surfaces.



#4510003

**BANNISTER BRUSH**

- Great for dusting or cleaning equipment and counters.
- Can be used with dust pan product number #4640004.



#4560014

**IRON STYLE SCRUB BUSH**

- Molded handle makes this brush easy to hold and highly versatile.



#4530002

**VEHICLE WASH BRUSH**

- Flagged brush allows for scratchless cleaning of even the most expensive painted surfaces.



#4570003

**UTILITY SCRUB BRUSH**

- Versatile brush can be used in virtually any environment.

## Scrub Brushes



#4570003

### SHORT HANDLE POT BRUSH

- 9 inch handle.
- Ideal for tough scrubbing in kitchens, hotels or any other food service environment.



#4570004

### LONG HANDLE POT BRUSH

- 20 inch handle.
- Long handle assists in scrubbing deep pots and vats.
- Versatile and can be used in virtually any environment.



#4560002

### GROUT BRUSH

- A unique brush with a patented swivel action feature.
- 9 inch brush designed to scrub grout in many environments.



#4580001

### HAND AND NAIL BRUSH

- 3.5" brush works perfectly to scrub debris from hands and between finger nails.
- Double sided and can be used in a variety of applications.



#4560001

### CARPET SPOTTING BRUSH

- Ideal for general carpet spotting applications.



#4560004

### TWISTED BOTTLE SCRUB BRUSH

- A unique brush with twisted bristles for those hard to reach applications.

#4500009 - 1" Chip Brush

#4500010 - 2" Chip Brush

#4500011 - 1" Paint Brush

#4500012 - 2" Paint Brush

## Floor Squeegees



#1270013 - 18"

#1270014 - 22"

#1270015 - 30"



#1270016 - 18"

#1270017 - 24"

#1270019 - 36"

### MUS SQUEEGEE

- Durable foam blade that adapts well on a variety of surfaces.
- Removes water build up quickly.



#1270024 - 24"

#1270025 - 36"



### CURVED METAL FLOOR SQUEEGEE

- Heavy duty floor squeegee designed to guide the water where you want it.
- Durable non-marking blade is replaceable.
- Replacement blades sold separately.

### METAL FRAME FLOOR SQUEEGEE

- A heavy duty durable floor squeegee designed for universal use.
- Ideal for all industries, professional and commercial.
- Replacement blades sold separately.

#1270029 - 24"

### PLASTIC PRO FLOOR SQUEEGEE

- The only choice for food service applications.
- Blade is designed to withstand hot liquids, grease and other harsh chemicals.
- Replacement blades sold separately.

# Bucket & Wringers

## Bucket & Wringer Combos



Thumbs Up  
Product!



#4750010

### 26 QUART DOWNPRESS BUCKET & WRINGER COMBO

- Our most popular choice.
- Downpress wringer eliminates splashing.
- Designed to meet the demanding requirements of most sanitary environments.



#4750014

### RUBBERMAID SIDE PRESS BUCKET & WRINGER COMBO

- 26 quart capacity.
- Smooth easy to clean surface.
- Non-marking 3 inch caster wheels for ease of use.



#4750015

### JUNIOR BUCKET & WRINGER COMBO

- 21 quart capacity.
- Same useful features as the large bucket & wringer combos, but in a compact size for those small areas.

## Buckets & Pails



#4760020

### DIVIDED BUCKET

- Available with or without wringer cone.
- 11 quart capacity.
- Made of high impact plastic.



#4760001

### 14 QUART METAL PAIL

- Heavy duty utility pail made of strong galvanized steel.



#3160002

### WINDOW BUCKET

- Up to 25 litre capacity
- Wheels included



#4760005

### 14 QUART PAIL

- An economy pail useful for a multitude of cleaning tasks.
- Smooth plastic for easy clean up.

## Mops



#4310001

### 16 OZ. SYNTHETIC MOP

- 16 oz. / 450 g lightweight for light duty tasks.
- Synthetic mops are made from a superior blended rayon yarn.



#4310003 Thumbs Up Product!

### 24 OZ. SYNTHETIC MOP

- 24 oz. / 650 g medium weight for medium duty tasks.
- Our most popular option.
- Synthetic mops are made from a superior blended rayon yarn.



#4310005

### 32 OZ. SYNTHETIC MOP

- 32 oz. / 850 g heavyweight mop for faster coverage of larger areas.
- Synthetic mops are made from a superior blended rayon yarn.
- The largest mop on the market.



#4310002

### 20 OZ. SYNTHETIC MOP

- 20 oz. / 550 g medium weight for medium duty tasks.
- Synthetic mops are made from a superior blended rayon yarn.



#4310017

### 20 OZ. SILK FINISH MOP

- A unique lint-free finishing mop will leave your floors streak free and with approximately 25% more shine.

PRODUCT CODE	DESCRIPTION	COLOUR	WT.
A	Winger Looped Mops		
#4310020	Small - Cost-effective looped end coloured mop.	Blue	SML
#4310011	Medium - Cost-effective looped end coloured mop.	Blue	MED
#4310012	Large - Cost-effective looped end coloured mop.	Blue	LRG
B	Anti-Bacterial Mops		
#4310013	Medium - The looper hospital mop.	Orange	MED
#4310014	Large - The looper hospital mop.	Orange	LRG
C	Cotton Mops		
#4320001	16 OZ - The economical mopping alternative.	White	450 g
#4320002	20 OZ - The economical mopping alternative.	White	550 g
#4320003	24 OZ - The economical mopping alternative.	White	650 g
#4320005	32 OZ - The economical mopping alternative.	White	850 g

## Mop Handles



#4330001

### SNAP-N-GO FIBREGLASS MOP HANDLE

- A lightweight versatile mop handle.
- Fits any size mop head.
- Ideal for most sanitary areas.



#4330005

### QUICK CHANGE METAL MOP HANDLE

- Economical mop handle is designed for both narrow and wide band mops of any size.
- Metal parts are zinc plated to avoid corrosion.



#4330003

### SNAP-N-GO WOOD MOP HANDLE

- Same snap-n-go head as above but wooden handle for cost savings.



#4330007

### JAW BREAKER MOP HANDLE

- Features a lock collar attachment which allows for easy mop replacement.
- Fast and easy release of mop by unscrewing the collar.



### YACHT MOPS

- These mops are securely wire bounded to a wood handle.
- Choose from highly absorbent cotton or durable and absorbent synthetic/rayon blended yarn.

PRODUCT CODE	DESCRIPTION	SIZE
#4370003	8 oz cotton yacht mop.	225 g
#4370001	12 oz cotton yacht mop.	350 g
#4370004	16 oz cotton yacht mop.	450 g



## Sponge Mops & Refills



#4380007

### 16" SYNTHETIC SPONGE MOP COMPLETE

- 16 oz. /450 g lightweight for light duty tasks.



#4380012

### 16" SYNTHETIC SPONGE MOP REFILLS

- 16 oz. /450 g lightweight for light duty tasks.

# Dust Mops

## COTTON DUST MOPS

- Industrial standard cotton dust mops are made of 4-ply cotton yarn.
- Absorbent and economical.
- Helps save time and money while promoting a clean environment.

PRODUCT CODE	SIZE & DESCRIPTION
#4340001	12" x 5" Cotton dust mop.
#4340002	18" x 5" Cotton dust mop.
#4340003	24" x 5" Cotton dust mop.
#4340005	36" x 5" Cotton dust mop.
#4340006	48" x 5" Cotton dust mop.
#4340007	60" x 5" Cotton dust mop.

## Cotton Dust Mops



# Synthetic Dust Mops



## SYNTHETIC DUST MOPS

- High-stat dust mops use electro-static properties to attract and hold dust.
- Made from a durable specially blended yarn.
- Withstands heavy usage and repeated laundering.

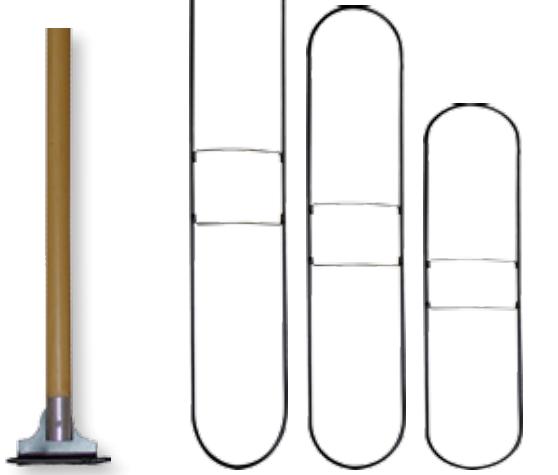
PRODUCT CODE	SIZE & DESCRIPTION
#4340009	18" x 5" Synthetic dust mop.
#4340010	24" x 5" Synthetic dust mop.
#4340011	30" x 5" Synthetic dust mop.
#4340012	36" x 5" Synthetic dust mop.
#4340013	48" x 5" Synthetic dust mop.

Mr. Janitorial Supplies stocks high-stat dust mops in blue and red fibre.  
Please specify when ordering.

# Frames & Handles

- Dust mop systems feature a 360° swivel action which allows for easy maneuvering and fast clean up in any environment.
- Durable industry standard frames and mop handles that you can count on.

PRODUCT CODE	SIZE & DESCRIPTION
#4360001	60" clip on wood dust mop handle.
#4350001	12" x 5" metal dust mop frame.
#4350002	18" x 5" metal dust mop frame.
#4350003	24" x 5" metal dust mop frame.
#4350004	30" x 5" metal dust mop frame.
#4350005	36" x 5" metal dust mop frame.
#4350006	48" x 5" metal dust mop frame.
#4350007	60" x 5" metal dust mop frame.



#4360001

#4350001-#4350008

# Microfibre Cleaning Systems

## CLEAN FASTER, BETTER, AND SAFER THAN TRADITIONAL CLEANING METHODS

- COLLECT AND HOLD DUST, DIRT, AND ALLERGENS

Microfibre's unique construction collects and holds dust, dirt and allergens better than traditional cleaning methods and has been shown to reduce bacteria levels by as much as 99%.

- CLEAN WITH OR WITHOUT CHEMICALS

Microfibre cleaning uses up to 95% less chemicals and water which provides substantial cost savings and greener cleaning.

- INCREASE PRODUCTIVITY AND REDUCE COSTS

Microfibre mops can be laundered and reused hundreds of times, resulting in an estimated 60% lifetime cost savings. Microfibre floor care tools are up to 75% lighter than traditional tools, reducing worker strain and saving as much as 20% in labour costs per day.



### 18" MICROFIBRE FLAT MOP PAD

- High performance wet mop pad.
- Advanced hook and loop backing attaches pad securely to frame.
- Durable pad withstands hundreds of commercial launderings.

11" #4340027 - 11"

18" #4340020 - 18"

20" #1300089 - 20"

#4030018 - Dusting Wand

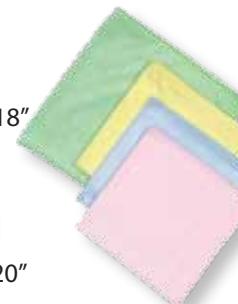
#4000008 - Replacement Sleeve



#2060006 - All Purpose  
#2060022 - Glass & Mirror

### MICROFIBRE MITT

- Thumb shaped provides flexibility for cleaning into crevices and around irregular surfaces.
- Use in pairs for added efficiency.
- Non-abrasive, highly absorbent.



#4060016 - Blue  
#4060017 - Red  
#4060018 - Green  
#4060020 - White

### 3M MICROFIBRE WIPER

- 14" x 14" premium microfibre cloth.
- Can be used with or without cleaning solution.
- Non-abrasive, highly absorbent.
- Double finished edges for durability.



#4750022

### DISINFECTING BUCKET

- Designed for health care cleaning.
- Reduces cross-contamination when a fresh pad is used in each room.
- All plastic buckets hold 10-20 microfibre wet pads.



Microfibre Systems ensure that you can benefit from microfiber's superior performance across a wide range of tasks.

**Rubbermaid**

Commercial Products



#4750021

#### PRESS WRING BUCKET

- Press sieve provides easy, no touch wringing.
- Smooth non porous plastic for easy cleaning.
- Non-marking casters.
- Fits on most janitor carts.



#4750002

#### PEDAL WRING BUCKET

- Convenient foot pedal enables hands free wringer operation.
- Built in brake prevents bucket from moving while wringing.
- User friendly emptying options.
- Non-marking quiet casters.



#4750003

#### PEDAL WRING MINI CART

- Compact cart carries a full system of microfiber cleaning products.
- Wide surface press wringer.
- Built in storage caddy.
- Folding safety cone included.
- Washboard surface remove dirt and debris from pads prior to wringing.



#### REDUCE CROSS-CONTAMINATION

- Microfibre pads and buckets effectively reduces cross-contamination.
- Microfibre wet pads feature colour coding for quick identification by area or room.
- Proven cross-contamination reduction by the US Environmental Protection Agency based on internal testing.

# Kitchen Products



#0120001 - 3.5 litre (4/cs)

### CASCADE DISHWASHER DETERGENT GEL

- Formulated for under counter dishwashers and cabinet type automatic utensil washers.



#0120014 - 1.7 kg (8/cs)

### CASCADE DISHWASHER DETERGENT POWDER

- A popular dish detergent for small offices.
- Formulated for under counter dishwashers and cabinet type automatic utensil washers.



#0120030 - 6 litre (2/cs)

### SUNLIGHT DISHWASHING LIQUID 6L WITH PUMP

- A premium sudsing detergent formulated to remove tough commercial dirt and oily stains.
- The best performer in its class.



#0120068 - 3.87 litre (ea)

### BLUE GLO

- Premium pot and pan detergent concentrate
- Luxurious suds to quickly break up and remove grease and other food soils.



#0120024 - 3.78 litre (4/cs)

#0120063 - 18.9 litre (ea)

### ALL TEMPERATURE DETERGENT

- A non chlorinated non foaming highly concentrated warewashing detergent.
- For use in both high and low temperature washing machines.

### HIGH TEMPERATURE RINSE AID

- Specially formulated to ensure superior water sheeting and drying of dish wear.
- This acidic formula ensures spotless dishes upon drying



#0120056 - 18.9 litre (ea)

### POT AND PAN DETERGENT

- Specifically designed for manual washing of excessively soiled kitchen items.
- Quickly and efficiently penetrates and emulsifies baked on grease and food.



#0120027 - 3.78 litre (4/cs)

### DELIMER

- Quickly penetrates and breaks down even the most hard lime and mineral deposits.
- Works in both high and low temperature dish machines.



#0120055 - 946ml (12/cs)  
#0120089 - 3.78 litre (4 cs)

### OVEN AND GRILL CLEANER

- Removes baked on carbon and grease from ovens, grills, hoods and rotisseries.
- Works on warm and cold surfaces.



# Laundry Products



#0130077 - 3.78 litre (4/cs)

#0130082 - 18.9 litre

## LAUNDRY DETERGENT

- A concentrated laundry detergent.
- Quickly suspends tough, oily and particulate soils.
- Provides a deep, clean, environmentally preferable wash.



#0130018 - 20 kg (ea.)

## LAUNDRY DETERGENT

- A value priced product.
- A high performance low sudsing detergent formulated to remove dirt and oily stains.



#0130005 - 250 sheets (ea.)

## BOUNCE SHEETS

- Time-released odourfresh scent.
- Excellent to prevent static cling.



#0130009 - 4 litre (4/cs)

#0100039 - 20 litre (ea.)

#0100127 - 210 litre (ea.)

## BLEACH-SODIUM HYPOCHLORITE

- Available in 6% and 12% formulas.
- Cleans, disinfects and deodorizes all in 1 step.
- Can be used in laundry, kitchens and a variety of environments.

#0130085 - 946 ml (12 cs)

#0130081 - 3.78 litre (4/cs)

## ALL PURPOSE SPOTTER

- Treats a broad spectrum of laundry stains including protein, juices, oils, and many others.



#0130020 - 1.7 kg (ea.)

## IVORY LAUNDRY DETERGENT POWDER

- A gentle laundry powder that is excellent for sensitive skin.



#0130083 - 18.9 litre (ea.)

## FABRIC SOFTENER

- Formulated to soften and eliminate static cling.
- Clean fresh fragrance.



#0130090 - 18.9 litre (ea.)

## SOUR / SOFTENER

- A combination liquid sour and fabric softener.
- Designed to neutralize the pH of the finished wash.
- Soften and eliminates static cling.



#0130091 - 18.9 litre (ea.)

## LQUID ALKALI

- A highly concentrated laundry builder.
- Specifically formulated for use in tunnel washers, large industrial laundries, and food and beverage laundries.



#0130089 - 18.9 litre (ea.)

## BLD

- Combines a liquid laundry detergent and a builder / break all in one formula.
- This environmentally preferred formula increases pH and removes soil in one step.



**Sanitaire®**  
*The Preferred Choice\**

*Mr. Janitorial Supplies services  
and repairs many makes and  
models of commercial and  
industrial floor care equipment.*



#1730017

**SANITAIRE 12" UPRIGHT VACUUM**

- An industry standard vacuum.
- 12" cleaning width.
- 6 level carpet adjustment.
- 50 ft. cord and chrome steel hood.



#1730019

**SANITAIRE 16" UPRIGHT VACUUM**

- Same features as #1730017 described on left but with a 16" cleaning path.
- Bright headlight and wider path reduces cleaning time.

#1630002

**3 SPEED CARPET BLOWER**

- Powerful 1/2 horsepower motor.
- Convenient top mounted 3 speed switch.
- Stackable.



#1630004

**SC6090 CARPET EXTRACTOR**

- Aerodynamically engineered vacuum shoe for constant acceleration and superb water recovery.
- 1.5 three stage vacuum motor, 117 inches of waterlift.



#1630005

**SC6080 CARPET EXTRACTOR**

- 150 psi 9 gallon solution and recovery tank.
- A variety of accessories and options available.
- 3 stage vacuum motor.



# Advance

by Nilfisk-Advance

#1760010

**EURO CLEAN GD930**

- 1000 Watt, 1.25hp motor.
- 66 dB A sound level.
- Three levels of filtration standard.
- Dual mode floor tool.

#1730044 - 6XP  
#1730013 - 10XP**ADGILITY 6XP & 10XP**

- Comfortable, lightweight design.
- Powerful 1,300 watt motor.
- Quiet 68 dB A sound level.



#1760006

**CARPETRIEVER 28**

- 28" wide cleaning path.
- Dual vac motors for generous pickup power.
- Carpet brush propels machine, minimizing operator fatigue.

#1720004 - 15 gal.  
#1720005 - 20 gal.**AWD SERIES WET/DRY VAC**

- Available in 15 or 20 gallon sizes.
- 1300 watt 2-stage motor.
- Blow-molded provide long lasting tank life.
- Rear drain hose for emptying.





# Advance

*by Nilfisk-Advance*

#1620022



### AQUAPRO EXTRACTOR

- 14 gallon portable carpet extractor.
- Includes 15 foot solution and recovery hose.
- Stainless steel double jet wand included.
- 150 psi pump with two 2-stage vac motors.



### AQUACLEAN SELF-CONTAINED EXTRACTORS

- 3 models to choose from, 16" or 18" cleaning path.
- 1.5 hp 3-stage vac motor, 1/3 hp brush motor.
- 117" of water lift.
- 8 or 12 gallon models available.
- Optional hard floor kit available.

PRODUCT CODE	DESCRIPTION
#1620020	AquaClean 16 ST - 8 gallon unit - no hand tool
#1620021	AquaClean 16 XP - 8 gallon unit - with hand tool
#1620023	AquaClean 18 FLX - 12 gallon unit - with hand tool



### AQUARIDE CARPET EXTRACTOR

- Increase productivity by 400%
- The Aquaride sweeps and extracts in a single pass.
- 28" cleaning path.
- Over 2 hours of cleaning time per tank.
- Leaves floors almost dry.
- Reduces cost of cleaning.



#1230001

### SELECTSWEEP

- 27" manual push sweeper.
- High productivity replacement for push broom.
- Large 1.4 cubic foot hopper.
- Sweeps 21,000 sq feet per hour.
- Up to 4 times more productive than manual push broom sweeping!



#1230016

### TERRA 28 B

- Battery operated walk behind sweeper.
- Standard on-board battery charger.
- Rugged construction for carpet or hard floor applications.
- Sweeps 38,700 sq feet per hour.

Advance continues to drive innovation and reduce cleaning costs with efficient and cost effective products. Mr. Janitorial Supplies carries the most complete line of cleaning equipment to suit all of your needs. Contact a product specialist for more information.



#1200001

#### PACESETTER 170

- 17" single speed floor machine.
- Industry standard workhorse perfect for scrubbing or stripping most hard floors.
- 1 hp 3-gear motor.
- Ergonomic handles for safety.
- Pad driver included.



#### PACESETTER 20 TS

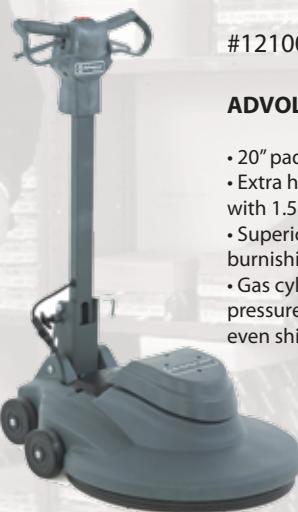
- Versatile 20" 2 speed floor machine.
- 1.5 hp motor runs at 180 or 320 RPM.
- Can be used for scrubbing, stripping or polishing.
- Ergonomic handles for safety.
- Pad driver included.



#1210007

#### ADVOLUTION 20

- 20" pad surface.
- High speed 1500 RPM burnishing with 1.5 hp motor.
- Gas cylinder design keeps constant pressure on full contact pad producing an even shine.



#1210005

#### ADVOLUTION 20 XP

- 20" pad surface.
- Extra high speed, 2000 RPM burnishing with 1.5 hp motor.
- Superior dust collection system for 1 pass burnishing.
- Gas cylinder design keeps constant pressure on full contact pad producing an even shine.



#1210001

#### PBU SERIES

- 27" propane powered floor burner.
- High speed burnishing at 1800 RPM with 37 lbs. of downforce pressure.
- Creates an ultra-high gloss shine.
- Up to 8 hours run time on a single tank.

#### ADVOLUTION 20B

- Battery powered floor burner.
- Designed for quiet cordless one-pass burnishing.
- Dual dust collection bags.
- Extra high speed, 2000 RPM burnishing.
- Fully adjustable pad pressure.
- Perfect for health care facilities.



Contact one of our  
product specialists  
for more information.



# Advance

by Nilfisk-Advance



# Advance

*by Nilfisk-Advance*

## MICROMATIC 17E / 17B / 20B

- A compact 17" autoscrubber available in electric or battery versions.
- 6 gallon solution recovery tank.
- Standard on-board battery chargers on 17B and 20B models.
- Low profile compact design.
- Hospital grade quiet operation.
- Cleans up to 22,000 sq feet per hour.



## ADFINITY 17E / 17B / 20B / 20DD / 20DC

- 5 different configurations available to suit virtually every application.
- Electric or battery available.
- 9.6 gallon solution and recovery tanks.
- Standard on-board battery charger on 17B, 20B, 20DD, 20DC.
- Disc or cylindrical cleaning heads available.
- Cleans up to 22,000 sq feet per hour.



## SC750 & SC800

- Available in 26,28 or 34 scrub paths.
- 21 gallon solution and recovery tanks.
- One-touch scrubbing and programmable operating controls.
- Soft touch paddle system allows operators to depress drive paddle directly to handle bar without pinching fingers.
- Standard on-board battery charger.
- Click-off disc scrubheads for productivity and convenience.
- Ultra flow squeegee system for 100% recovery on turns.
- Hospital quiet 66 dB sound level.
- Cleans up to 35,000 sq feet per hour.



*Contact one of our product specialists for more information.*

*Why walk when you can ride?*



## ADGRESSOR RIDE-ON SCRUBBER

- The most productive floor cleaning machine available.
- Industry leading 63" turning radius.
- Available in 35" or 38" scrub decks in disc and cylindrical formats.
- 42 gallon solution and recovery tanks.
- Standard on-board battery charger.
- Low sound level at 65 dB A permits operation anywhere, anytime.
- One touch electronic controls are conveniently located to keep operation simple and safe.
- Rugged construction with durable performance ensures years of reliable performance.
- Easy access to batteries and other components.
- Can scrub up to 53,000 sq feet per hour.
- Additional on-board auto detergent system available.

*Leasing programs also available.  
Please call 1-800-667-2604 for details.*



#1720002

#1720006



**WV 370 CHARLES**

- Wet/Dry vacuum.
- 1.3 hp bypass motor.
- 100" of water lift with 95 CFM of airflow.
- 4 gallon capacity.
- 19 lbs.



**WV 900**

- Wet/Dry vacuum.
- 1.3 hp bypass motor.
- 100" of water lift with 95 CFM of airflow.
- 12 gallon capacity.
- Constructed of structural foam making this unit rust proof and ultra durable.

#1730006

**RSV 130**

- A powerful 10.8 lb. backpack vacuum.
- 1.6 hp motor.
- Operates at a quiet 65 dB A.
- 1.5 gallon capacity.
- Includes all tools and accessories.

## NEW! Go Cordless



#1730077

**RBV 130**

- 1.5 Gallon Tank
- 250 watt vacuum motor
- Run time of 45 minutes
- 36 volt lithium ion battery
- Charges in 2.5 hours.



**NBV 180 & 220**

- 250 watt vacuum motor.
- 36 Volt lithium ion battery.
- 45 minutes of run time.
- Charges in 2.5 Hours.





Contact one of our product  
specialists for more information.



### AVB 4X

- Self contained compact carpet cleaning machine.
- Efficiently designed with adjustable handle.
- Twist grip solution control.
- 60 psi pump.
- 1.3 hp 2 stage vac motor with 100" of water lift and 106 CFM air flow.



### TEMPEST 4X

- A compact but powerful carpet extractor/spotter.
- 60 psi pump.
- 4 gallon solution and recovery tank.
- 1.3 hp 2 stage vac motor with 100" of water lift and 106 CFM air flow.



### TEMPEST 8X

- A larger box extractor perfect for most medium-duty cleanup jobs.
- 100 psi pump.
- 8 gallon solution and recovery tank.
- 1.3 hp 2 stage vac motor with 100" of water lift and 106 CFM air flow.



#1620005

### TP18 SX

- A premium heavy duty box extractor featuring a 100 psi diaphragm pump with a bi-pass providing 1.1 gallons of flow.
- 18 gallon solution and recovery tank.
- 3 stage vac motor with 150" of water lift.



#1620025

### AV12 QX AVENGER

- Walk-behind self contained carpet extractor.
- Runs at less than 60 db A making the AV12 QX excellent for any 24 hour facility.
- 100 psi diaphragm pump.
- 1.7 hp 3 stage vac motor.
- Can clean up to 4000 sq feet per hour.



### DP 420 DUPLEX

- Extremely effective multi-purpose machine which can be used to clean carpets and other hard surfaces.
- Excellent for cleaning heavy traffic lane areas, can also lift piles.
- The industries best carpet restoration machine when used in conjunction with hot water extraction.



### JS 1600 C STEAMER CLEANER

- The cleaning power of steam attacks grease, grime, hard water deposits and mold.
- The pump is connected to the water reservoir for a constant supply of water and unlimited working capacity.



## NS SERIES FLOOR MACHINES

- With 3 units to chose from, 13", 17", or 20", NaceCare and Mr. Janitorial Supplies have a unit to fit every need.
- The 316 13" provides 200 rpm of muscle and with a weight of only 40 lbs., this floor machine is compact enough to handle any job, anywhere.
- The 17" and 20" with 1.5 hp motor and 90 lbs. of weight provide everything the most demanding commercial user requires.
- Optional shampoo tanks and brushes available.

## NACECARE AUTOSCRUBBERS

- With NaceCare's extensive lineup of quality TwinTec auto-scrubbers, Mr. Janitorial Supplies is confident in finding you the right piece of equipment for your specific needs.
- All TwinTecs feature a multi-position adjustable handle and polyurethane squeegee blades for excellent water recovery.
- TwinTecs are available in either electric corded or Gel Battery.
- TwinTecs feature a patented flip-up head and on-board battery charger.
- Gel Batteries save time and money because they are maintenance free with no terminal corrosion, ever. They provide the operator with a high degree of safety because no acid spill can occur.
- From a compact 17" all the way up to a self-propelled 26", the TwinTec lineup performs aggressively at a competitive price.



*Leasing programs also available.  
Please call 1-800-667-2604 for details.*

**NACECARE™  
SOLUTIONS**  
*Clarity in Cleaning*

# Floor Care Pads

Moving from left to right, select the appropriate maintenance operation, machine type and speed, then follow the colour bar to the next page to the recommended Floor care pad.

MAINTENANCE OPERATION	EQUIPMENT TYPE	MACHINE SPEED
<b>Strip</b> To remove all finish, sealer and contaminants from the floor surface. Done at the start of a maintenance program and at times when scrubbing will not achieve the desired results.	Rotary or Automatic	Low Speed 175-600 RPM
<b>Scrub</b> Done prior to replacing worn finish; provides a fresh new surface to maintain.	Rotary or Automatic	Low Speed 175-600 RPM
<b>Clean</b> To remove light soil and other contaminants.	Rotary or Automatic	Low Speed 175-600 RPM
<b>Buff/Spray Buff</b> To remove scuffs and black heel marks and enhance floor appearance.	Rotary	Low Speed 175-600 RPM
	Electric	High Speed 600-1500 RPM
<b>Burnish</b> To repair finish and to improve gloss and image clarity of floor surfaces. <b>Scuff &amp; Mark Removal</b>	Electric Battery Propane	Ultra High Speed 1500 RPM & Above
<b>Best Gloss</b>	Electric Battery Propane	Ultra High Speed 1500 RPM & Above
<b>Soft Finish</b>	Electric Battery Propane	Ultra High Speed 1500 RPM & Above

# Floor Care Pads

**HOW TO CHOOSE THE RIGHT PAD FOR THE JOB.**

FLOOR PAD ALTERNATIVES		
High Productivity Pad 	Black Stripper Pad 	Brown Stripper Pad 
Blue Cleaner Pad 		
Red Buffer Pad 	TopLine Pre-Burnish Pad 	
Red Buffer Pad 	White Super Polish Pad 	
Beige Buffer Pad 		
Eraser Burnish Pad 	Natural Blend Tan Pad 	
Eraser Burnish Pad 	White Blend White Pad 	Tan Burnish Pad 
Aqua Burnish Pad 		TopLine Speed Burnish Pad 

# Window Cleaning Equipment

Mr. Janitorial Supplies stocks virtually every item required to keep your windows looking crystal clear. Call one of our customer service representatives to help guide you in the right direction.

SIZE	BRASS CHANNEL W/ RUBBER	RUBBER REFILL ONLY
6"	3110056	3110066
8"	3110057	3110077
10"	---	3110078
12"	---	3110079
14"	3110060	3110080
16"	---	3110081
18"	3110062	3110082
20"	---	3110083
36"	---	3110086



BRASS CHANNEL WITH RUBBER



REFILL RUBBER BLADES

## FLOOR SCRAPER

#3140001

- 5.5" angled scraper with 8" handle.
- Refill blades available.



## LONG HANDLE SCRAPER

#3140005

- 4" angled scraper with 10" aluminum handle.
- 4" refill blades available.

#3110055

## BRASS WINDOW SQUEEGEE



#3160002

## WIDE WINDOW BUCKET

- Specially designed for wide window washers.
- Clips available to hold washer and squeegee.



## WINDOW WASHER WITH T BAR

- The industry standard window washer, the lambswool sleeve holds plenty of water and detergent to ease in cleaning.
- Swivel frame is also available.
- Available in 10", 14" and 18"
- Refill sleeves sold separately.



#3150003 - Single  
#3150004 - Double

## WINDOW SQUEEGEE POCKET HOLDERS

- These convenient raw hide holders are durable and allow you to have all your tools at easy reach.



## TELESCOPIC EXTENSION POLES

- 2 section and 3 section extension poles available to reach most heights required.
- Light weight aluminum reduces user fatigue.
- 2 section pole available in 4 ft., 8 ft., 9 ft., 13 ft., and 19 ft.
- 3 section pole available in 10 ft., 15 ft., 20 ft., and 29 ft.

# Dusting Tools



#4030006 - 52"

**SHORT HANDLE  
RAINBOW DUSTER**

- Non-allergenic polywool duster attracts dust by electrostatic action.
- Can be washed in warm water and mild detergent.

#4030004 - 23"

**EXTENDABLE RAINBOW  
DUSTER**

- Non-allergenic polywool duster attracts dust by electrostatic action.
- Can be washed in warm water and mild detergent.

#4030009

**DELUXE FEATHER DUSTER**

- 18" lacquered handle.
- Made from 100% natural ostrich feathers.
- Ideal tool for fast and efficient dust removal.
- Soft and gentle.



Tel: (905)836-4250 • Fax: (905)836-6235 • Toll Free: 1-800-667-2604



#4030015 - 27"

**LAMBSWOOL DUSTER**

- Wool fibre actually picks up and holds dust.
- Large thick 14" dusting head ensures fast, effective dusting.



#4030010 - 48"

**EXTENDABLE  
LAMBSWOOL DUSTER**

- Extendable duster for reaching hard to reach areas.
- Wool fibre effectively collects dust to clean surfaces.



#4030005 - 80"

**SUPER EXTENDABLE  
POLYWOOL DUSTER**

- Our longest duster available.
- Polywool attracts dust for easy dusting.

#4300003 - Pad  
#4050000 - Holder
**WALL WASHING PAD**

- Use with #4050010.
- Excellent wall-washing attachment.
- Can be used for dust mopping small areas.

# Waste Containers

## Waste Baskets



Available in:

Be Bl Br Gr

- #5010018 - 26 litre Basket
- #5010015 - 39 litre Basket
- #5030012 - 26 litre Lid
- #5030011 - 39 litre Lid

### SOFT WASTE BASKET AND LID

- Space efficient and economical.
- Fits under standard desk height.
- Designed for convenient desk side waste.



Available in:

Be R W

#5020029 - 45 litre

### STEP ON WASTE CONTAINER

- For hands free sanitary waste management.
- Tight fitting overlapping lid helps contain odours.
- Available in 3 different sizes.
- 30 litre - 16" L x 15" W x 17" H
- 45 litre - 16" L x 15" W x 23" H
- 68 litre - 19" L x 16" W x 26" H

## Slim Jim Containers



Available in:

Br B G

#5030026

### SLIM JIM UNTOUCHABLE SWING TOP

- Swing top provides easy access for trash disposal and then swings back to hide trash from public view.



Available in:

G Y

#5030025

### SLIM JIM HANDLE TOP

- Handle top is perfect for general use to hide trash from public view.



Available in:

Be Bl Br Gr B

- #5020064 - 87 litre (23 gal)
- no handle
- #5020066 - 60 litre (16 gal)
- w/handle

### SLIM JIM WASTE CONTAINER

- Efficient "slim" design fits tight spaces.
- Durable all plastic construction is easy to clean.



Available in:

Gr Br

#5030030

### SLIM JIM BOTTLE AND CAN LID

- Round hole tops for glass bottles and metal cans.



#5000025

### SLIM JIM TROLLEY

- Turn your slim jim into a mobile unit for safe efficient handling.

\*Linking trolleys together moves multiple units in one trip.

Visit us at [www.mrjanitorialsupplies.com](http://www.mrjanitorialsupplies.com)

Available in:  
Be Br W



#5020074 - 56 litre (15 gal)

### SLIM JIM WALLMOUNT CONTAINER

- Wall mounting keeps the container out of traffic areas and allows for easy floor cleaning.
- Spring loaded swing door helps control odours and hide trash from public view.

19" L x 12" W x 32" H

## Untouchable Containers

Available in square, round and half round to fit every application. Durable and crack resistant even under tough indoor/outdoor conditions.



Available in:  
Be Gr



Available in:  
Be Gr



Available in:  
Be Gr

PRODUCT CODE	DESCRIPTION	LID STYLE CODE	BAG SIZE
#5020060	Square container - 87.1 litre - 14.5" sq x 28" H	#5030018 & #5030005	26 x 36
#5020006	Square container - 132 litre - 19.5" sq x 27" H	#5030009	35 x 50
#5020075	Half round container - 79.5 litre - 21" L x 11" W x 28" H	#5030003	30 x 38
#5020007	Round container - 83.3 litre - 15" dia x 30" H	#5030032 & #5030010	26 x 36

## Untouchable Lids



Available in:  
Be Gr Br



C



E



B



D

Available in:  
Be Gr

PRODUCT CODE	DESCRIPTION	CONTAINER CODE
A #5030018	Square untoouchable top - drop and swing lid provides easy access for disposal.	#5020059 & #5020060 & 5020006
B #5030010	Round container untoouchable top - drop and swing lid provides easy access for disposal.	#5020007
C #5030005	Square swing top lid - drop and swing lid provides easy access for disposal.	#5020059 & #5020060
D #5030032	Round container funnel top - drop and swing lid provides easy access for disposal.	#5020007
E #5030003	Half round lid with swing door - combines aesthetic form with function.	#5020075

## Marshal Containers



#5020073 (25 gal)

### MARSHAL CLASSIC CONTAINER

- Practical good looks combined with fire safety.
- Textured finish minimizes appearance of surface scratches.
- Perfect for indoor/outdoor use.
- 56 litre - 15" dia x 36" H
- Uses 26 x 36 garbage bags.



Available in: Be Bl Br G W



#5020068 (15 gal)

### MARSHAL CLASSIC CONTAINER

- Practical good looks combined with fire safety.
- Textured finish minimizes appearance of surface scratches.
- Perfect for indoor/outdoor use.
- 15" dia x 36" H
- Uses 30 x 38 garbage bags.



Available in: Be Bl Br G W



### MARSHAL STEEL CONTAINERS

- Practical good looks combined with fire safety.
- Decorative indoor waste management.
- Excellent for indoor and protected outdoor areas.
- Stainless steel containers made of #304 heavy gauge metal.
- Powder coated containers constructed of heavy gauged galvanized steel.
- Self-closing, reinforced, mirror-polished stainless steel door.
- Equipped with rigid liners.
- Uses 26 x 36 garbage bags.

Powdered Coated Steel Available In:



Stainless Steel Available In:



## Ranger Containers



Available in: Be Br

#5020027

### RANGER CLASSIC

- Specifically designed for outdoor use.
- Built to withstand extreme weather and handling.
- Permanently attached tops.
- Uses 35 x 50 garbage bags.



Available in: Be Bl Br G

#5020072

### RANGER CLASSIC CONTAINER DOME TOP WITH DOORS

- Specifically designed for outdoor use.
- Built to withstand extreme weather and handling.
- Permanently attached tops.
- Uses 35 x 50 garbage bags.



Available in: Be Bl Br G

#5020094

### RANGER CLASSIC CONTAINER DOME TOP WITHOUT DOORS

- Specifically designed for outdoor use.
- Built to withstand extreme weather and handling.
- Permanently attached tops.
- Uses 35 x 50 garbage bags.

# Outdoor Waste Receptacles



#5020065 - Container  
#5030065 - Lid

## GLUTTON CONTAINER

- Built to withstand extreme weather and handling.
- Hold down base can be filled with sand or water to provide added stability and security.
- Perfect for large crowds and high-traffic areas.
- 212 litre - 25" L x 22" W x 31" H
- Uses 42 x 48 garbage bags.

Container  
Available in:  
Br W

Lid  
Available in:  
Br R



## PLAZA CONTAINER

- Plaza containers are available in a wide variety of colours and sizes to suit your needs.
- Two spring-loaded swing doors help contain odours and control insects.
- Side-mounted, hinged door offers full interior access for "no lift" refuse removal.
- Textured finish helps minimize appearance of surface scratches.
- Uses 35 x 50 garbage bags.



## LANDMARK SERIES CONTAINERS

- A quality waste receptacle designed for high volume refuse collection.
- Can be used indoors or outdoors.
- Perfect for food courts, theater lobbies, malls and other interior areas.
- Feel free to contact one of our friendly customer service representatives for more information.
- Uses 49 x 47 garbage bags.



**Rubbermaid**  
Commercial Products

## LANDMARK PANEL

- Brown Stone



## LANDMARK PANEL

- Coral



## LANDMARK PANEL

- River rock



## Brute Containers

Industry leader in waste and material applications. All plastic professional grade construction will not rust, chip, or peel, and resists denting. Reinforced rims add strength and durability.



Available in: █ █ █ █ █  
B Gr R Y W

PRODUCT CODE	DESCRIPTION	BAG SIZE
#5020019	Brute Container - 37 litre - 15" dia x 17" H (10 Gal)	26 x 36
#5020018	Brute Container - 75 litre - 19" dia x 22" H (20 Gal)	30 x 38
#5020022	Brute Container - 121 litre - 22" dia x 27" H (32 Gal)	35 x 50
#5020021	Brute Container - 166 litre - 24" dia x 31" H (44 Gal)	35 x 50
#5020055	Brute Container - 208 litre - 26" dia x 33" H (55 Gal)	42 x 48



#5030036 - 121 litre (32 gal)  
#5030017 - 166 litre (44 gal)

### BRUTE DOME TOP LID

- Heavy-duty plastic construction.
- Doors are quiet and self closing.
- Hinge and spring design keeps weather and pests out and odours in.



#5030006 - 121 litre (32 gal)

### BRUTE FUNNEL TOP LID

- Sanitary and versatile.
- Guides refuse into container, away from view.
- Can be used in a recycling program for bottles and cans.



#5030053 - 121 litre (32 gal)

### BRUTE FLAT TOP LID

- Strong snap-on lids are available for secure stable stacking.
- All sizes available to fit above containers.

Available in: █ █ █ █ █  
B Gr R Y W



### #5000006 - BRUTE DOLLY

- Brute dolly allows for easy mobility and maneuverability of heavy loads.
- Swivel 3 inch casters provide long life.
- New trainable dolly allows for linking multiple dollies together.
- An improved recycling solution.



# Garbage Bags



Mr. Janitorial Supplies stocks over 40 different types of degradable garbage bags. Consistent quality bags with convenient one-at-a-time dispensing. Our garbage bags are manufactured from 100% recycled film and are 100% degradable. Bags are available in black, clear and white. Custom colours also available.



## \*CUSTOM SIZES AVAILABLE

Contact Mr. Janitorial Supplies for custom ordering information.



### Black Garbage Bags



PRODUCT CODE	BAG SIZE	STRENGTH	QTY PER CASE
#4140001	24 x 22	Regular	500/cs
#4110003	26 x 36	Regular	250/cs
#4110004	26 x 36	Strong	200/cs
#4140003	30 x 38	Regular	250/cs
#4110007	30 x 38	Strong	200/cs
#4140005	35 x 47	Regular	200/cs
#4110011	35 x 47	Strong	200/cs
#4110014	35 x 50	Heavy-Duty	100/cs
#4110018	42 x 48	Strong	200/cs
#4110020	49 x 47	Strong	150/cs

### Clear Garbage Bags



PRODUCT CODE	BAG SIZE	STRENGTH	QTY PER CASE
#4150006	24 x 22	Regular	500/cs
#4150001	26 x 36	Strong	200/cs
#4150002	30 x 38	Strong	200/cs
#4130006	35 x 47	Strong	200/cs
#4130010	42 x 48	Strong	200/cs



### White Garbage Bags



PRODUCT CODE	BAG SIZE	STRENGTH	QTY PER CASE
#4120001	20 x 22	Regular	500/cs
#4120002	24 x 22	Regular	500/cs
#4120003	22 x 24	Regular	500/cs

# Recycling Containers



Mr. Janitorial Supplies carries high quality, long lasting recycling containers used to collect, handle and store bulk material. Recycling containers and security containers for home, office or industrial use in sizes ranging from 5 to 359 litres. Our recycling containers are made from high density polyethylene plastic which forms a highly durable, resilient container guaranteed to last for years.



#5060010 - 26 litre

**DESK SIDE RECYCLING CONTAINER**

#5060009 - 360 litre

**ROLL OUT RECYCLING CONTAINER**

#5060003 - 120 litre

**ROUND RECYCLING CONTAINER****STATION SERIES**

#5060001 - 87 litre

**RECYCLING CONTAINER**

For use in areas of high paper generation such as photocopy, printing and mail room areas.

# Smoking Receptacles



#5150010

## INFINITY ULTRA HIGH-CAPACITY SMOKING STATION

- High-capacity receptacles for heavy traffic areas.
- Stainless steel snuff plates.
- Weighted base and bolt-down options for added stability.
- Domed on top for weather resistance.
- 360 degree disposal area.
- Several colours available.



#5150011

## INFINITY BASE-MOUNT SMOKING STATION

- Sophisticated styling and all-metal construction for attractive and efficient smoking litter management.
- Includes unobstructed funnels to reduce jamming during cigarette disposal.
- Domed tops for weather resistance.
- 360 degree disposal area.
- Several colours available.

#5150012

## INFINITY TRADITIONAL SMOKING STATION

- Weighted base and bolt-down options for added stability.
- Guidance tabs on collars and bases enable simple removal and reattachment of receptacles during cleaning.
- Domed tops for weather resistance.
- 360 degree disposal area.
- Several colours available.



#5150041

## 3 HOLE WALL MOUNT ASHTRAY

- 3 hole exterior wall mounted stainless steel ashtray.
- Interior liner restricts oxygen and prevents fire.
- 7" W x 9" H x 3" D



#5150049

## GROUNDS KEEPER TUSCAN

- Upscale aesthetics blends with a variety of architectural styles.
- Anchor holds for added security.
- Available in black or sandstone.
- 14" L x 14" W x 42" H
- Additional 10 lb weight ring also available for extra stability.



#5150008

## BLACKSHOT SAND 50 LBS

- White sand perfect for use with ash urns.



#5150034

## FLOOR SAND URN

- Interior floor ashtray is perfect for most environments.
- Made of heavy-duty black plastic with steel top.
- 12" D x 19" H

# Matting

## Entrance Matting

FLOORING SYSTEMS

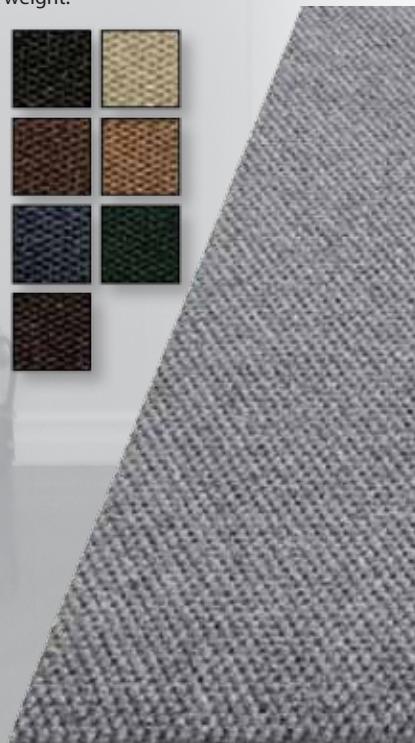
### HEATHER PLUSH

- Prevents dirt and dust from being tracked onto the office carpet.
- Designed to absorb water and hold dirt.
- Durable 100% cut pile Olefin filament.
- Colour mixture is effective at hiding dirt.
- Vinyl back is resistant to mould and mildew.
- 18oz/sq.yd. face weight offers full pile for improved looks and durability.



### MEGA NOP

- Nop design for excellent multi-directional scraper action for seasonal or permanent applications.
- Unique Nop design removes dirt and traps particles below.
- Superior water retention properties.
- Mega-Nop is made of 100% fade-resistant Polypropylene fibre bonded to a QUAD style backing and is mould and mildew resistant.
- Easy to maintain by frequent vacuuming and periodic steam cleaning.
- Anti-static properties.
- 52oz/sq.yd. face weight.

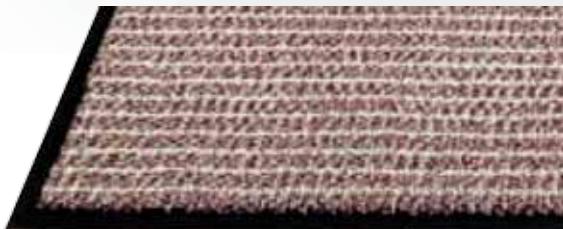


**Custom matting cut  
orders available.  
Call for details.**



### DESIGN TWEED

- Design Tweed is compiled of 100% polypropylene cut pile on a durable vinyl backing.
- This product has effective wiping capabilities and is easily maintainable with frequent vacuuming and periodic steam cleaning.
- 15oz/sq.yd. face weight.



### TWIN RIB

- Classic Twin Rib design is a strong and effective element for all of your wiping and scraping needs as it "grabs" at the dirt.
- Bi-Level construction traps dirt inside its ribbing, while constantly maintaining an attractive overall appearance.
- Constructed of extra coarse fibres for aggressive scraping, 100% solution dyed polypropylene yarns.
- 18oz/sq.yd. face weight.



# Entrance Matting

## CHEVRON

- Dirt and dust gather within the pattern, while maintaining a virtually clean overall appearance.
- Made from 100% polypropylene fibre in popular chevron pattern.
- Coarse fibres for scraping dirt off of shoes and boots.
- Easy to maintain with frequent vacuuming and periodic steam cleaning.
- 22 oz/sq.yd. face weight.



## WATER KEEPER

- Raised reinforced rubber dam border helps trap moisture, dirt and debris keeping dirt off your floor.
- Molded reinforced rubber raised squares helps prevent pile from crushing and extend the mat's life.
- SBR rubber gripper nibs on backing helps to reduce mat movement.



## SUPER GRIP

- Effectively scrapes dirt and snow off foot wear.
- UV stable mat is easy to clean; simply hose down or flip over.
- Flexible enough to easily contour to variations in the floor surface.
- Durable SBR rubber construction.



## STYLEPOINT

- Unique Nop design provides the most effective scraping action.
- Ideal for multi-directional traffic as Nop effectively scrapes from all angles.
- 100% Polypropylene fibre aggressively scrapes and dries footwear.
- Easy to maintain with frequent vacuuming and periodic steam cleaning.
- 22 oz/sq.yd. face weight.



## COCO ON VINYL

- Matting made of 100% thick, 11/16" high coco fibre locked into tough vinyl backing.
- Material is coarse and durable.
- Excellent for scraper action and moisture retention.
- Built to perform and priced to compete.
- 83oz/sq.yd. face weight.



## CUSTOM LOGO MATS

- Eye catching durable matting is constructed with logo actually tufted into the mat.
- The perma-dye yarn provides high levels of colour fastness as well as bold long lasting colours.
- Choose up to 6 colours out of 24 vibrant colours.
- Call one of our matting specialists for more information.

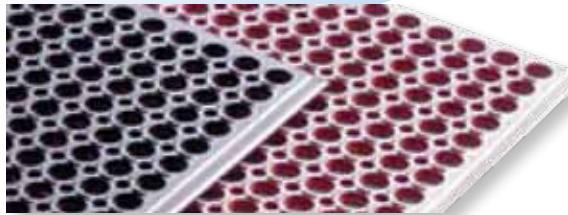


## Anti-Fatigue Matting

### KUSHION SAFE LIGHT DUTY

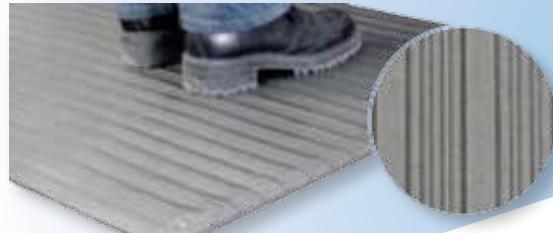
- Specially designed drainage holes keep dirt and debris from getting trapped.
- Underside knobs create unique flow through design.
- Surface traction ribs improve footing reducing the risk of slipping.
- Ideal for use in wet, dry or greasy work applications.

Choose between Grease-Resistant black rubber and Grease-Proof orange rubber mats.



### SOFT SPUN

- Ergonomically styled anti-fatigue mats are designed to provide comfort and reduce leg, back and foot pains.
- Increase worker productivity.
- 3/8" thick 100% closed cell PVC foam.
- Bevelled edges for increased safety.



### KUSHION SAFE HEAVY DUTY

- Unique design will help prevent build up of dirt and debris possibly leading to germs.
- Drainage holes and underside knobs allow for water to drain safely away, keeping employees safe from slippery floors.
- Ideal for use in dry, wet or greasy applications.

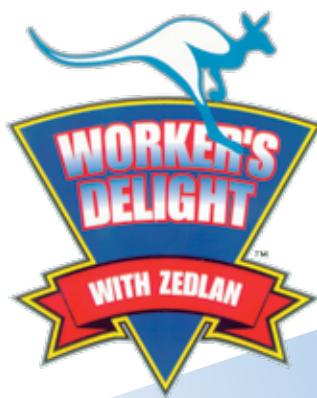
Choose between Grease-Resistant black rubber and Grease-Proof orange rubber mats.



**americo**

**forbo**

FLOORING SYSTEMS



### SAFETY SOFT SPUN

- Same ergonomically formulated matting as Soft Spun plus a heavy duty Dura Shield™ polyurethane coating.
- Dura Shield™ increases wear resistance to extend product life.
- High visibility safety yellow border increases safety.
- 3/8" thick with bevelled edges.



# Anti-Fatigue Matting

## DIAMOND FOOT

- Durable vinyl with diamond style textured surface fused to a closed PVC sponge underlay.
- Ideal for use in most industrial applications that involve standing.
- Will not delaminate like other glued mats.
- Resists common fluids and most chemicals.
- 9/16" thick Bevelled edges for safety.



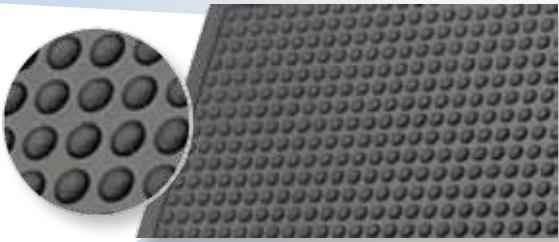
## RUBBER FINGER TIP

- This heavy duty solid rubber mat has thousands of specially designed "fingers" that provide a "live" brushing action to remove dirt, mud, snow and sand.
- Rubber fingers will compress to provide anti-fatigue qualities.
- Trapped dirt is contained in the base of the mat and can be easily cleaned by turning over and shaking.
- Overall height 5/8" thick.
- Available sizes: 24"W x 32"L • 32"W x 39"L • 36"W x 72"L



## BUBBLE MAT

- 100% Solid rubber mat will reduce worker fatigue for a long time.
- 100's of air pockets individually compress to absorb pressure and reduce back and leg stress.
- Rubber offers excellent slip resistance qualities.
- Rounded corners and bevelled edges for improved looks and increased safety.



## RIBBED RUNNER

- Choose between wide and fine corrugated designs.
- Durable 1/8" natural rubber improves slip resistance and is long wearing.
- Maintains flexibility in cold environments.
- Helps to absorb noise from hard floors.
- Perfect for ramps, walkways and outside entrances.
- Available in brown or gray.



**Forbo**  
FLOORING SYSTEMS



**americo**

Custom matting  
orders available.  
Call us for details.

Many More  
Products Available.

## ANTI-SLIP GRIT TAPE

- Non-skid tape offers extra traction to ensure a safe workplace.
- Ideal for steel ramps, shop floors, ladders, stairwells, vehicle bumpers, loading ramps, or any high-traffic area that needs a skid-resistant surface.
- Thick PVC base layer is impregnated with an aggressive 60 grit compound.
- Aggressive acrylic adhesive ensures a long life and will adhere to most clean dry surfaces.
- Product is sold by the case.



# Shipping & Packaging

Mr. Janitorial Supplies carries a wide variety of shipping and packaging supplies to satisfy virtually any need. Please feel free to contact one of our product specialists to help you locate the right type of product for your specific requirements.

## Tape



#6010003



### CLEAR PACKAGING TAPE

- An industry standard clear polypropylene tape.
- Available in a wide variety of widths and lengths.
- Great strength and adhesion.
- Clear and tan colours available.

Many More Products Available.

PRODUCT CODE	DESCRIPTION	QTY/CS
#6010007	48 mm x 100 m clear	36/cs
#6010006	48 mm x 100 m tan	36/cs
#6010008	48 mm x 66 m tan	36/cs
#6010003	48 mm x 132 m clear	36/cs
#6010009	18 mm x 66 m clear	48/cs
#6010022	3M - 48 mm x 50 m clear	36/cs



#6010004 - 18 mm x 55 m

### GLASS FILAMENT TAPE

- A strong filament tape which has a laminated backing.
- Made of polypropylene film and glass filaments.
- High tack aggressive adhesive.
- Also available in 24 mm and 48 mm widths.



#6010002 - 48 mm x 914 m

### JUMBO CLEAR TAPE

- For use with either dispensing machines or by hand.
- Use when volume sealing is required.
- High-adhesive freezer grade also available.



### INDUSTRIAL MASKING TAPE

- An all purpose industrial masking tape, made of crepe paper and a non-staining adhesive.
- Excellent strength and adhesion.
- Natural tan colour.

PRODUCT CODE	DESCRIPTION	QTY/CS
#6010001	18 mm x 55 m tan	48/cs
#6010020	24 mm x 55 m tan	36/cs
#6010005	48 mm x 55 m tan	24/cs
#6010019	3M - 48 mm x 55 m tan	24/cs



### CLOTH/DUCT TAPE

- A laminated cloth tape with high tack adhesion recommended for general packaging and other applications where moisture resistance is required.
- Available in black, red, brown, yellow, green, blue, silver and white.

PRODUCT CODE	DESCRIPTION	QTY
#6010015	48 mm x 55 m silver	per roll
#6010011	3M - 48 mm x 60 yd's silver	per roll
#6010013	3M - 48 mm x 9.14 m white	per roll
#6010014	3M - 48 mm x 9.14 m black	per roll

Another popular tape option is 3M's 2 sided carpet tape. Product Code #6010012 - 38 mm x 12.8 metres in white.

## Stretch Wrap

Mr. Janitorial Supplies stocks and distributes a large variety of pallet wrap and accessories. Feel free to call any one of our qualified staff members to help you decide which product best suits your needs.



### HAND STRETCH WRAP

- Palletize and secure large bulky loads.
- Protects against dirt, theft or lost items.
- Superior cling and stretch stands up to rough handling in transit.

PRODUCT CODE	DESCRIPTION	QTY/CS
#6020013	325mm x 47 gauge x 450m	4/cs
#6020099	20" x 70 gauge x 6000'	4/cs
#6020021	12.8" x 75 gauge x 1500 ft.	4/cs



#6020006 - 20" x 65 gauge x 6500 ft.

### MACHINE GRADE PALLET WRAP

- If you are shipping more than 3 pallets per day, let us show you how an industrial pallet wrap machine and our premium grade pallet wrap can save you time and money.
- Other sizes available, ask for details.



#6020088 - 3" x 80 gauge x 1500 ft.

### STRETCH BANDING FILM

- 18 Rolls Per Case

## Bubble Wrap



### BUBBLE WRAP

- Protects products from vibration, shock and costly damage.
- Air bubbles reduce damage to shipments while adding very little to overall packaging weight.
- 2 stock thicknesses and roll widths are available to meet most requirements.
- Perforations, slitting, sheeting and anti-static bubble wrap also available.

PRODUCT CODE	DESCRIPTION	QTY
#6000010	1/2" x 48" x 250 ft.	per roll
#6000020	1/2" x 48" x 250 ft. (24" cut)	2 rolls
#6000022	3/16" x 48" x 750 ft. (24" cut)	2 rolls

## More Shipping Products

From plastic or metal strapping to Kraft paper and utility knives, Mr. Janitorial Supplies can help your warehouse and mail room operate more efficiently using our quality products.



### METAL STRAPPING

- Easy to use metal strapping is strong and firmly holds a variety of products to pallets.
- Available in 1/2", 5/8" and 3/4" widths.
- We also supply closed and open seals for metal strapping.



### PLASTIC STRAPPING

- Polypropylene strapping is easy to use, economical, strong, and half the weight of steel strapping.
- Available in a variety of colours.
- Available in 1/2" and 1/8".
- We also supply buckles and seals for plastic strapping.



#6020018

### PACKING SLIP ENVELOPE

- High-tack adhesive keeps envelope in place through a wide variety of temperatures and conditions.
- Holds packing slips, invoices, cards and other shipping documents.
- 1000/cs.



#6000019

### UTILITY KNIFE

- Snap-off blade design.
- Retractable replaceable blades.
- As blades become dull, snap off front section for new blade point.
- More knife styles available.



#6000015 - #64 Brown (1/4"W x 3.5" Rd)



#2000001 - 36" DD30 - 1200 ft.

#2000013 - 36" DD40 - 900 ft.

#2000014 - 36" DD60 - 600 ft.

### KRAFT PAPER

- Protects against moisture and damage.
- Available in a variety of widths and thicknesses to meet most requirements.
- Available in 18", 24", 30", 36" 48".



### STRAPPING BUCKLES AND SEALS ALSO AVAILABLE



#6000017

### STRETCH WRAP DISPENSER

- For smooth tight applications of stretch wrap.
- Tension control knob on top ensures a tight smooth wrap.
- Heavy-duty steel.



#6020023

### STRAPPING SEALER

- 1/2" strapping sealer.
- Heavy duty construction.
- Used to seal metal strapping.

#6000005

### TAPE DISPENSER GUN

- This high quality, lightweight tape gun is designed to make your packing a breeze.
- One hand operation.
- Professional Grade.



# Material Handling

## Cleaning Carts



#5210006 - Blue  
#5210005 - Grey

### JANITORS CART

- Smooth easy to clean surface.
- Great for storing frequently used cleaning tools and supplies.
- Holds 32 gallon waste container or bucket & wringer combo.
- Comes complete with a yellow zippered vinyl bag.

### COMPACT CLEANING CART

- Versatile maintenance and waste handling cart.
- Efficient size, light weight, needs little storage space.
- Durable yellow vinyl bag allows for easy trash removal.



#5210001 - Grey

### HOUSE KEEPING CART

- System solutions for housekeeping and hospitality industries.
- A variety of options and features to suit almost any need.
- Contact one of our friendly staff members for more information.



## Utility/Service Carts



#5260001

### UTILITY CART

- Three shelf utility cart is perfect for most environments.
- Durable and attractive for use in front and back room operations.



### CLOSED UTILITY CART

- Aluminum uprights and molded shells engineered for durability and appearance.
- Enclosure panels are available with or without locking doors.



#5000018 - 15 litre (4 gallon)

### OPTIONAL CART UTILITY BINS & ACCESSORIES

- 15 or 30 litre optional bins available.
- Available in black.
- Perfect for clearing tables or picking orders.
- Optional drawer also available.

## Heavy Duty Service Carts



### TRADES CART

- Two storage bins hold essential hand tools and supplies.
- Carts move easily over hard surfaces, through elevators and doorways.
- Flat surface at ergonomic height provides convenient work area.

### FLAT SHELF CART

- Sturdy structural foam construction won't rust, dent, chip or peel.
- All-plastic design provides easy maintenance and quiet operation.
- Molded in cord wrap manages extension cords.
- Flat top is a convenient work surface.
- Optional middle shelf available.



Multiple caster choices available.

## Platform Trucks & Trolleys

#5260011 - 250 lb.  
#5260018 - 500 lb.

### TRIPLE TROLLY CART

- Sturdy structural foam construction won't rust, dent, chip, peel or splinter.
- Complete range of models for versatility.
- Virtually maintenance free.
- Pneumatic wheels available on some models.



#5220001 - 500 lb.



### HEAVY-DUTY PLATFORM TRUCK

- Features tough structural foam construction with steel support.
- Won't rust, dent or splinter like some metal and wood trucks.
- Virtually maintenance free.
- Crossbar handle helps maneuver loads easily.
- All wagons come standard with T-Bar handle for pulling by hand.
- A rear hitch allows for training of several wagons together and eliminates multiple trips.
- Optional side panel package for increased load capacity.



## Cube/Tilt Trucks



#5260013  Thumbs Up Product!

### UTILITY DUTY TILT TRUCK

- 450 lb utility duty tilt truck.
- Easy to handle and maneuver through commercial doorways and onto elevators.
- 56" L x 28" W x 38" H
- Gray.



### Commercial Products



Multiple caster choices available.



#5240006 - tilt truck  
#5030046 - lid

### STRUCTURAL FOAM TILT TRUCK

- Innovative structural foam molded body is engineered for durability.
- Fits through standard commercial doorways and onto elevators easily.
- Optional hinged domed lid available.
- 64" L x 30" W x 38" H

#5260012 - 38" L x 26" W x 28" H - 300 lbs.  
#5030064 - Lid for 300 lb. cube truck  
#5260015 - 43" L x 31" W x 37" H - 500 lbs.  
#5030063 - Lid for 500lb. cube truck

### CUBE TRUCK

- Metal frame provides durable support.
- Domed, hinged lid conceals loads without reducing capacity.
- Spring platform option brings contents to a convenient working level, ideal for laundry handling.



### SELF-DUMPING HOPPER

- Forklift capable for elevated dumping.
- Tilts a full 30 degrees below horizontal to ensure complete dumping.
- Pull-release safety latch prohibits premature dumping.
- Resists rusting, denting and pitting that affects metal hoppers.
- 5 models available.

### HEAVY-DUTY TILT TRUCK

- Easy to handle and maneuver through commercial doorways and onto elevators.
- Angled front end is designed for convenient dumping.
- Smooth surface is easy to clean and resists splitting and corroding.
- Optional hinged domed lids available.
- Available in multiple colours on select models.
- 16 models available.

# Safety Supplies

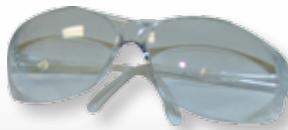
## Eye Protection



#6240001

**BLUE FRAME SAFETY GLASSES**

- Our most economical option.
- Single lens and adjustable temples ensure reliable performance.
- Coated lenses for superior scratch resistance.



#6240010

**TWISTER SAFETY GLASSES**

- Economical wrap-around single lens.
- Coated lenses for superior scratch resistance.



#6240018

**TWISTER**

- Blue Mirror Finish.
- Coated lenses for superior scratch resistance.



#6240027

**TWISTER**

- Dark gray lens and frame.
- Coated lenses for superior scratch resistance.



#6240002

**MONITOR**

- Brown frame with clear lens.
- Conventional plastic frame
- Exceeds the ANSI Z87.1 High Velocity Impact Standards.



#6240005

**GOGGLES**

- Perforated, provides excellent ventilation.
- Fits comfortably over prescription spectacles.



#6240024

**V2G SAFETY GOGGLES**

- 9.75 base curved lens provides full side protection.
- Lenses are treated to prevent fogging and self seals small scratches.
- Interchangeable temples/headband included.



#6240009 - Head gear ratchet 8" x 15"  
#6220088 - Flat face shield

**PYRAMEX**

**FACE SHIELD**

- Easy adjustment to fit all head sizes.
- Will fit most brands of hard hats.
- 8" x 15" shield.
- Adjustable assembly permits face shield to be worn up or down.

# Lens Wipers, Solution & Protectants



#0100005 - 4 litre (4/cs)

**LENS CLEANING SOLUTION**

- Anti-fog lens cleaner.
- Safe to clean all brands of eyewear, face protectors and computer screens.
- Even safe on coated lenses.



#6200034

**DISPOSABLE LENS CLEANING STATION**

- Lens cleaning station with 8 oz. cleaning solution and 600 tissues.
- Cardboard box design.



#2060008 - (60/cs)

**KC LENS WIPERS**

- High quality low-lint wiper.
- Non-abrasive tissue for cleaning and polishing all kinds of lenses and screens.
- 280 sheets per box.



#6200030

**METAL LENS CLEANING STATION**

- Holds two 500ml bottles of lens cleaning solution.
- Metal cabinet mounts easily onto any wall.
- Can be easily refilled with #2060008.



#6240019

**MOIST LENS CLEANING TOWELETTES**

- Anti-static, anti-fog, silicon free towelettes provide convenient lens cleaning.
- 100 per box.



#6200020

**HARD HATS**

- Cap style polyethylene hard hat provides maximum protection.
- Trough-like design on sides and back of helmet to channel rain.
- Soft brow pad is replaceable and washable.
- Snap lock suspension features "tuck away" adjustments for all-day, hassle free wear.
- Universal accessory slots fit cap mounted ear muffs and chin straps.
- Ratchet suspension is easy to adjust - allows the wearer to modify the fit while wearing.

#6250002

**BUMP CAP RED**

#6200056 - 1 litre (8/cs)

**SPF 30 SUNSCREEN**

- 1 Liter (34 oz) Bottle with Pump.
- Suitable for larger Groups.
- Place it where people gather for work or play.

**BOUFFANT CAP**

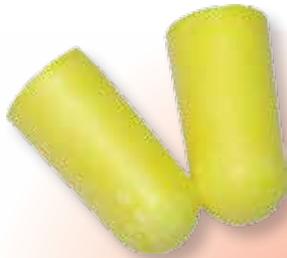
- white bouffant cap.
- Economical protection for light to medium duty use.
- Conveniently packaged and materials comply with FDA regulations for food contact.



#6200017 - 19" (1000/cs)

#6200012 - 21" (1000/cs)

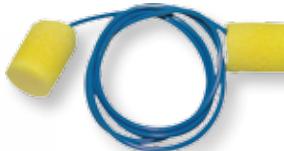
## Ear Protection



#6230001 - (200/box)

### E.A.R TAPER FIT FOAM EAR PLUGS

- PVC foam provides comfort with low pressure.
- Laboratory tested NRR29.
- Non-irritating foam.



#6230002 - (200/box)

### E.A.R CORDED EAR PLUGS

- Breakaway cord protects wearer in case of machine entanglement.
- Laboratory tested NRR29.
- Corded to help keep track of ear plugs when not in use.



#6230004 - (200/box)

### 3M 1100 FOAM EAR PLUGS

- Noise reduction rating of 29dB.
- Tapered design to fit the ear canal and provide added comfort.
- Bright orange colour for visibility.



#6230005 - (100/box)

### 3M 1110 FOAM EAR PLUGS

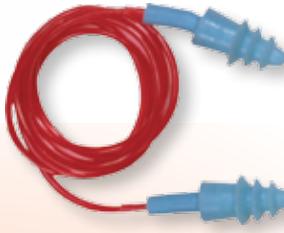
- Noise reduction rating of 29dB.
- Soft braided cord provides worker comfort.
- Helps prevent loss and reduces sound vibrations from cord.
- Hypoallergenic material.



#6230006

### EAR MUFF

- NRR of 22dB.
- Durable nylon headband.
- Soft foam ear cups.
- Individually packaged.



#6230003

### REUSABLE EAR PLUGS

- NRR of 25 dB.
- Constructed of silicone wrapped around a pocket of air for superb comfort.
- 3 flanges form a cosy seal.
- 3 size ear canals.



## First Aid Supplies



#6290001 - 6-15 People

### FIRST AID KITS (PLASTIC)

- A variety of sizes available to suit every need.
- Regulation first aid kits are offered in a choice of containers to accommodate workplace budgets.



#0140029 - 500ml (ea.)

### DETTOL ANTISEPTIC

- For cuts, blemishes and insect bites.
- Dettol can be used to disinfect open wounds.



#6260007 - (100/box)

### PLASTIC BANDAIDS

- Sterile adhesive plastic strip cushions wounds, promotes healing, and protects against contamination.



## Face Protection



#6220001 - 50/box

**DUST MASK**

- Disposable single strap dust mask.
- Excellent value.
- Not NIOSH approved.



#6220012 - (20/box)



#6220010 - (10/box)

**3M 8271 PARTICULATE RESPIRATOR WITH VALVE**

- Exhalation valve offers easy exhalation.
- Light weight construction.
- All-filter design provides great protection against harsh chemical smells.

#6220014 - Mask Only  
#6220016 - Filters**3M 6000 SERIES HALF FACE MASK**

- Unmatched performance and comfort.
- 3M respirators provide low maintenance and offer convenience coupled with a cost saving.
- Available in Small, Medium and Large.



#6220002

**3M FULL FACE MASK**

- Full face mask provides maximum protection.
- Reusable, just dispose of cartridges when used to capacity.
- Available in Small, Medium and Large.

## Body Protection

**TYVEK SUITS**

- Effective protection against a broad range of chemicals and other debris.
- Tyvek coverall with collar, zipper, elastic sleeves and ankles.

**DISPOSABLE BOOT COVERS**

PRODUCT CODE	DESCRIPTION	QTY/CASE
#6200035	Small Tyvek Suit	25/CS
#620004	Medium Tyvek Suit	25/CS
#620003	Large Tyvek Suit	25/CS
#6200036	XL Tyvek Suit	25/CS
#6200037	XXL Tyvek Suit	25/CS
#6200007	Disposable Boot Covers	100 pair/CS

- Polypropylene boot and shoe covers protect from the surfaces you walk on.
- Elastic top.
- 100 pair/case

# Gloves

## Disposable Gloves

Mr. Janitorial Supplies stocks and distributes a variety of disposable gloves. Perfect for most environments and are available in both powdered and powder-free.



### VINYL DISPOSABLE GLOVES

- Economical grade PVC offers good protection against many acids, caustics, bases and alcohols.
- Not recommended for use with solvents.
- Good abrasion and cut resistance.
- Ambidextrous.

PRODUCT CODE	DESCRIPTION	QTY/CASE
#6210007	Small - Lightly Powdered	100/box - 10 box/cs
#6210008	Medium - Lightly Powdered	100/box - 10 box/cs
#6210009	Large - Lightly Powdered	100/box - 10 box/cs
#6210010	X-Large - Lightly Powdered	100/box - 10 box/cs
#6210081	Small - Powder Free	100/box - 10 box/cs
#6210082	Medium - Powder Free	100/box - 10 box/cs
#6210083	Large - Powder Free	100/box - 10 box/cs
#6210080	X-Large - Powder Free	100/box - 10 box/cs

### LATEX DISPOSABLE GLOVES

- 100% ultra-thin natural latex.
- Ambidextrous.
- Superior flexibility, dexterity and grip.

PRODUCT CODE	DESCRIPTION	QTY/CASE
#6210002	Small - Lightly Powdered	100/box - 10 box/cs
#6210003	Medium - Lightly Powdered	100/box - 10 box/cs
#6210004	Large - Lightly Powdered	100/box - 10 box/cs
#6210005	X-Large - Lightly Powdered	100/box - 10 box/cs
#6210088	Small - Powder Free	100/box - 10 box/cs
#6210037	Medium - Powder Free	100/box - 10 box/cs
#6210056	Large - Powder Free	100/box - 10 box/cs
#6210055	X-Large - Powder Free	100/box - 10 box/cs



### NITRILE DISPOSABLE GLOVES

- 100% nitrile rubber.
- Resists snags, tears and punctures better than vinyl and latex.
- Tough enough to reuse over and over.
- Ambidextrous.

PRODUCT CODE	DESCRIPTION	QTY/CASE
#6210012	Small - Lightly Powdered	100/box - 10 box/cs
#6210013	Medium - Lightly Powdered	100/box - 10 box/cs
#6210014	Large - Lightly Powdered	100/box - 10 box/cs
#6210015	X-Large - Lightly Powdered	100/box - 10 box/cs
#6210069	Small - Powder Free	100/box - 10 box/cs
#6210070	Medium - Powder Free	100/box - 10 box/cs
#6210071	Large - Powder Free	100/box - 10 box/cs
#6210078	X-Large - Powder Free	100/box - 10 box/cs

# Multi-Purpose Gloves



## YELLOW LATEX GLOVES

- 100% latex rubber.
- Excellent for dish washing or general purpose cleaning.
- Component materials comply with food regulations.
- Excellent tear, puncture, and abrasion resistance.

PRODUCT CODE	SIZE
#6210022	Small
#6210023	Medium
#6210024	Large
#6210025	X-Large

## MEDIUM DUTY CANNERS GLOVE

- Natural heavy-duty latex canners glove.
- Excellent for food handling, laboratory, and pharmaceutical use.

PRODUCT CODE	SIZE
#6210042	Small
#6210043	Medium
#6210044	Large

## ORANGE HEAVY WEIGHT LATEX GLOVES

- 50% thicker than standard yellow latex gloves for added protection and longer wear.
- Lining absorbs perspiration.
- Resists a broad range of detergents and fats.

PRODUCT CODE	SIZE
#6210038	Medium
#6210047	Large



## NITRILE FLOCK LINED GLOVES

- Exclusive nitrile compound provides excellent tear, puncture and abrasion resistance.
- Outlasts most rubber gloves 5-1.

PRODUCT CODE	SIZE
#6210017	Small
#6210018	Medium
#6210019	Large
#6210020	X-Large

## 18" LONG ARM GREEN NITRILE

- Fully coated for all round protection against abrasion, cutting, chemicals and high temperatures.

PRODUCT CODE	SIZE
#6210143	SIZE 7
#6210085	SIZE 8
#6210086	SIZE 9
#6210119	SIZE 10

## RED PVC COATED GLOVES

- Fully coated for all round protection against abrasion, cutting, chemicals and high temperatures.
- Snag and puncture resistant.

PRODUCT CODE	SIZE
#6210028	Large

## Cotton Gloves



### LIGHT WEIGHT INSPECTORS GLOVES

- Light weight inspectors gloves are perfect for fragile handling of small parts.
- An economical alternative.
- Thinner material perfect for touch sensitive jobs.

PRODUCT CODE	STYLE
#6210049	No Cuff
#6210041	With Cuff



### POLY/COTTON STRING KNIT GLOVES

- Knit from soft man-made fibre.
- Washable and bleachable.
- Ambidextrous.
- Stain and shrink resistant.
- General light weight gloves, easy to wear.
- Sold by the dozen.

PRODUCT CODE	SIZE
#6210046	Small
#6210060	Medium
#6210039	Large
#6210077	X-Large



### POLY/COTTON STRING KNIT GLOVES WITH DOTS

- PVC dots provide enhanced grip on dry surfaces and help reduce glove replacement costs.
- Knit from soft man-made fibre.
- Washable and bleachable.
- Sold by the dozen.

PRODUCT CODE	SIZE
#6210062	Small
#6210064	Medium
#6210035	Large



### NITRILE COATED GLOVES

- Offers superior snag, puncture and abrasion resistance.
- Nitrile coating provides excellent grip in oily applications and outlasts standard 8oz. cotton glove 10-1.

PRODUCT CODE	SIZE
#6210075	Small
#6210074	Large

### 8OZ. COTTON KNIT WRIST GLOVES

- 100% cotton.
- An excellent all round work glove.
- Most popular type of glove for general purpose use.

PRODUCT CODE	SIZE
#6210030	Large

### SPLIT LEATHER WORK GLOVES

- Split leather glove with cotton back and 2" cuff.
- Has leather finger tip and knuckle strap for extra protection.

PRODUCT CODE	SIZE
#6210063	Large

Lined version

PRODUCT CODE	SIZE
#6210076	Large

Winter lined version

# Hand Creams & Protectants

## Hand Creams



### PINK SERIES

When the day's work is over, rough and damaged skin needs professional care. The "Pink Series" helps keep skin healthy when under environmental and occupational stress.



PRODUCT CODE	DESCRIPTION	QTY/CS
#0180016	Stokolan - Medium duty skin moisturizer - 100ml tube	24/CS
#0180041	Stokolan - Medium duty skin moisturizer - 1000ml softbottle	8/CS
#0170031	Stoko Vitan - Heavy duty skin moisturizer - 100ml tube	24/CS
#0170035	Stoko Vitan - Heavy duty skin moisturizer - 1000ml softbottle	8/CS
#0180010	Stoko Lotion - Light duty skin moisturizer - 250ml bottle	25/CS
#0180001	Stoko Lotion - Light duty skin moisturizer - 1000ml bottle	8/CS

## Protectants

Occupational skin disease is the second largest non-fatal occupational illness. Stockhausen's full line of skin care products protect, clean, and condition healthy skin. Stockhausen can create a program to fit your specific skin care needs.

### BLUE SERIES

Designed to protect skin from all kinds of professional hazards, the "blue series" products are applied before starting work to help reduce specific risks and facilitate clean-up.



PRODUCT CODE	DESCRIPTION	QTY/CS
#0170025	Stoko Travabon - Skin protectant for oil based stains - 100ml tube	24/CS
#0170024	Stoko Travabon - Skin protectant for oil based stains - 1000ml soft bottle	8/CS
#0170027	Stoko Arretil - Skin protectant for organic solvents, thinners and epoxy's - 100ml tube	24/CS
#0170026	Stoko Arretil - Skin protectant for organic solvents, thinners and epoxy's - 1000ml soft bottle	8/CS
#0170028	Stoko Taktosan - Skin protectant for water based substances - 1000ml soft bottle	8/CS
#0170033	StokoDerm - Skin protectant for water insoluble substances - 100ml tube	24/CS
#0170032	StokoDerm - Skin protectant for water insoluble substances - 1000ml soft bottle	8/CS

## Wet Floor Signs, Pylons and Barricades



#6120005

### 4 SIDED WET FLOOR CONE

- Multilingual warning message allows for effective communication with broad audiences.
- Highly visible 36" height and bright yellow colour.



#6110002

### FLOOR SAFETY SIGN

- Folding sign for convenient storage and transportation on janitor cart.
- Caution wet floor imprint.
- 28" tall.



#6110008

### MULTILINGUAL CAUTION SIGN

- Light weight and versatile, makes a heavy statement about safety.
- Folding design for convenient storage.



#6110003

### EXTENDABLE CLOSED FOR CLEANING SIGN

- Sign and pole combination blocks doorway.
- Soft pliable sign rolls up onto pole for easy storage.
- Twisting action secures poll in doorways up to 44".



#6110006

### ORANGE WET FLOOR CONE

- Heavy-duty molded cone made of unbreakable vinyl.
- 18" high.
- Bright orange colour for easy visibility.



#6120006

### COLLAPSIBLE SAFETY CONE WITH LIGHT

- New and innovative collapsible cone breaks down for easy storage and mobility.
- Includes flashing light for added safety.



### Commercial Products



### ★ MOBILE BARRICADE

- Section off those dangerous areas quickly and easily.
- For indoor and outdoor use.
- With a compact footprint, fence is flexible and can be set straight, curved or in a circle.



### ★ PORTABLE CONE BARRIER SYSTEM

- Section off those dangerous areas quickly and easily.
- Easy to store and expandable for quick deployment.
- Stackable.
- Bright yellow colour for excellent visibility.

★ Non-Stock Item, Call for details.

# Assorted Safety Products

Many More Products Available.



#6240003 - single  
#6240004 - double

## EYE WASH STATION

- Comes complete with holder, bottle and mirror.
- Durable high impact plastic construction.
- Solution sold separately.



#6240006 - 1 litre (12/cs)  
#6240026 - 4 litre (4/cs)

## EYE WASH SOLUTION

- Ready-to-use sterile antiseptic cleanser for eye irrigation.
- Relieves irritations due to foreign materials, dust and pollutants.



#6200018 - 5 lb ABC

## FIRE EXTINGUISHER

- Full hand grip for ease of operation.
- All aluminum cylinder which means no rusting.
- Rechargeable.
- Wall-mount bracket included.



#6200019 - 10 lb ABC

## FIRE EXTINGUISHER

- Full hand grip for ease of operation.
- All aluminum cylinder which means no rusting.
- Rechargeable.
- Wall-mount bracket included.

# 6010027

## CAUTION TAPE

- Caution tape made of Polyethylene.
- Tape serves as a warning sign and barricade to keep people out of hazardous areas.
- Also available in a wide variety of warning messages.



## AISLE MARKING TAPE

- Tape allows you to define the areas requiring static protective measures.
- Easy to apply, just peel off the liner and press the tape onto the floor.
- Scuff resistant.



## STEEL TOE RUBBER BOOTS

- Rubber boots with steel toe ensures protection of feet when working.
- Durable, long-lasting rubber.
- For use in Meat packing, chemical processing, industrial maintenance and food processing environments.

#6200013

## PROTECTIVE NEOPRENE APRON

- Neoprene aprons have a nylon backing and are resistant to a wide range of chemicals.
- For use in Meat packing, chemical processing, industrial maintenance, and food processing environments.



PRODUCT CODE	DESCRIPTION	SIZE
#6240057	Rubber boot - Steel Toe	8
#6240058	Rubber boot - Steel Toe	9
#6240059	Rubber boot - Steel Toe	10
#6240060	Rubber boot - Steel Toe	11
#6240061	Rubber boot - Steel Toe	12
#6240075	Rubber boot - Steel Toe	13

Non-Stock Item, call for details.

# Food Service Disposables

## Cups



PRODUCT CODE	DESCRIPTION	QTY/CS
#3270036	Plastic Cup - 7 oz	2000/CS
#3270025	Plastic Cup - 12 oz	1000/CS
#3270017	Plastic Cup - 14 oz	1000/CS
#3270037	Plastic Cup - 16 oz	1000/CS

### PLASTIC COLD DRINK CUPS

- Extremely economical.
- Translucent, flexible, thin wall material.
- Shatter proof and no slip grip.
- Lids also available.

Mr. Janitorial Supplies stocks a wide variety of cups suitable to any need.

PRODUCT CODE	DESCRIPTION	QTY/CS
#3270042	Styrofoam Cup - 6 oz	1000/CS
#3270012	Styrofoam Cup - 7 oz	1000/CS
#3270014	Styrofoam Cup - 8 oz	1000/CS
#3270003	Styrofoam Cup - 10 oz	1000/CS
#3270015	Styrofoam Cup - 12 oz	1000/CS

### STYROFOAM CUPS

- Suitable for hot or cold beverages.
- Economical and available in many sizes.
- Insulated foam maintains temperature.
- Lids also available.



#3270009 - 4 oz (5000/CS)  
#3400009 - Dispenser

### CONE CUPS

- Paper cups with rolled rim to prevent spills.
- Disposable.
- Leakproof for cold liquids.



#3270060 - 3 oz (1000/cs)  
#3250011 - 5 oz (1000/cs)  
#3400009 - Dispenser

### WAXED CUP

- Wax treated cold drink cups feature attractive design with smooth, rolled comfort rim.
- Rugged, dry-waxed construction.



#3270033 - 5 oz (500/CS)

### WINE CUPS

- Low cost alternative to upscale stemwear.
- Convenient solution for special events, sanitation requirements, waste management and cleaning.



#3270007 - 8 oz (1000/CS)

### JAVA CUPS

- Hot drink java cup.
- Stock design.
- Attractive upscale design.
- Flat and dome lids available.

## Plates & Cutlery



#3240013 - (500/CS)

### 9" FOAM PLATES

- Economical and easy to use.
- CFC free environmentally safe.
- Rigid construction.



#3240016 - (1000/CS)

### 6" FOAM PLATES

- Economical and easy to use.
- CFC free environmentally safe.
- Rigid construction.



#3240008 - (500/CS)

### 9" PLASTIC PLATES

- Rigid strength, high gloss finish.
- Fully microwavable.
- Embossed rim and leak proof finish.



#3240009 - Forks

#3240004 - Spoons

#3240005 - Tea Spoons

#3240012 - Knives

### PLASTIC CUTLERY

- Medium duty cutlery.
- Economical, durable and safe.
- Sleek modern design with comfortable grip.

## Straws & Stir Stix



#3200006 - 6"

#3200003 - 8"

#3200022 - 10"

### PLASTIC STRAWS

- Plastic drinking straws available in a wide variety of sizes, thicknesses and colours.



#3200011 - (1000/box)

### 6" STIR STIX

- Convenient 6" coffee stir stix.
- Brown colour.
- Box will last 7 regular tins of coffee.

## Film & Foil



#3250008 - 17" x 2500 ft.

### FOOD SERVICE FILM

- Convenient cutter box.
- Strong and economical.
- Clings tight to help keep food fresh.



#3250011 - 18" x 100m

### ALUMINUM FOIL

- Dispenser box with plastic cutting blade.
- Strong and economical.
- Institutional size.

## Napkins



#3260006

### LUNCHEON NAPKIN

- 18 packs x 240 napkins.
- An economical option for most cafeterias or lunch rooms.

#3260008

### 2 PLY DINNER NAPKIN

- 3000 per case.
- Highly absorbent.
- 2 ply white 1/8th fold.
- A high quality dinner napkin.
- Custom printing available.

#3260007

### 1 PLY COCKTAIL NAPKIN

- 1 ply white 1/4 fold.
- 4.75 x 4.75 (4000/cs).



#3260001

### JUNIOR DISPENSER NAPKIN

- 18 packs x 500 napkins.
- The most economical option.
- For use with tabletop dispenser #3400007.



#3400007

### JUNIOR NAPKIN DISPENSER

- Used to dispense #3260001.
- Tabletop chrome finish, heavy duty dispenser great for restaurants, lunchrooms and cafeterias.

## Misc Food Service Products



#2000004

### BANQUET ROLL PAPER

- 40" x 300 ft.
- Disposable paper used to cover tables.
- An economical alternative to table cloths.



#3260010 - 6,000/cs

### TORK XEXPRESSNAP DISPENSER NAPKINS

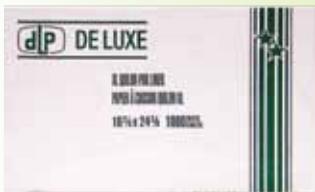
- 1 ply
- EcoLogo certified.
- Controlled single sheet dispensing.



#3400104

### CLASSIC DISPENSER

- Other Colours available



#3230011

### SILICON PARCHMENT PAPER

- Used in restaurants and bakeries.
- Used to line pans.
- 16 3/8" x 24 3/8" x 1000/cs.



#3240019 - Coffee Filter (1000/cs)

#3240020 - Tea Filter (500/cs)



#3200018

### COFFEE/TEA FILTER

- Standard coffee/tea filter for most industrial and commercial machines.

### MINT TOOTH PICKS

- Mint coated wooden toothpicks.
- Individually paper wrapped.



### DOILIES

- Give your food presentations a touch of elegance.
- Perfect for serving platters and china plates.
- Available in a variety of sizes.

PRODUCT CODE	DESCRIPTION	QTY/CS
#3200021	5" Lace Doilies	1000/CS
#3200020	6" Lace Doilies	1000/CS
#3200019	8" Lace Doilies	500/CS
#3200024	10" Lace Doilies	500/CS
#3200023	12" Lace Doilies	500/CS



## Sponges & Scouring Pads



#4050006 - (20/box)

### 3M NIAGARA SCRUBBING PAD

- 6" x 9" scrubbing pad.
- This long lasting pad is used to clean most cooking utensils and other equipment.



#4050011 - (12/pk)

### 3M HEAVY DUTY #86 SCRUBBING PAD

- 6" x 9" scrubbing pad.
- Open construction pad with tough fibres make fast work of heavy duty cleaning jobs.



#4040011 - 6" x 3.75" x 1" (48/cs)

### 3M CELLULOSE SPONGE

- Cellulose sponges are 10 times more absorbent than synthetic.
- Less likely to fall apart.



#4050012 - (72/cs)

### STAINLESS STEEL SCRUBBER

- High quality stainless steel for tough cleaning.
- Removes baked on food from pots and pans, baking dishes, grills and ovens.



#0120026 - (10 pack)

### SOS SCRUB PADS

- Cuts through the toughest baked on messes.
- Powers through greasy problems.
- Returns shine to your pots and pans.
- Removes rust stains.

Many More Products Available



#4040007 - (40/cs)

### 3M MEDIUM DUTY SCRUBBING SPONGE

- Dual action cleaning tool.
- This sponge has a No. 96 scouring pad on one side for scrubbing and a cellulose sponge for cleaning up spills on the other side.



#4040008 - (20/cs)

### 3M LIGHT DUTY SCRUBBING SPONGE

- Dual action cleaning tool.
- Light duty scrubbing sponge won't scratch or mark most surfaces.



#4040009 - (10/cs)

### 3M SOFT SCOUR SPONGE

- This sponge combines no scratch scrubbing and moisture pickup all in one.
- One side scours and the other side wipes.



#3200025 - (200/cs)

### 3M SCOTCH-BRITE GRIDDLE SCREENS

- Removes heavily burned-on food and grease to provide a spotless shiny griddle in minutes.
- Effectively works with less residue.
- Leaves a smoother finish than most traditional griddle cleaners.



#2060018 - (150/cs)

### GREEN FOOD SERVICE WIPER

- 12" x 24" food service wiper.
- Medium duty food service wiper perfect for wiping tables and counters.

## Food Service Wipers



#2060023 - (100/cs)

### BLUE FOOD SERVICE WIPER

- 12" x 24" food service wiper.
- Heavy duty food service wiper perfect for wiping tables and counters.

# Miscellaneous

## Bottles & Sprayers



#4020005

### BLUE MEDIUM DUTY SPRAYER

- The standard for the industry.
- Comes with a tube filter.
- Adjustable from a fine mist to a steady stream.
- Flexible dip tube.
- Also available in red #4020010



#4020008

### RED HEAVY DUTY SPRAYER

- Leak-proof design.
- No rubber O rings.
- Adjustable from a fine mist to a steady stream.
- Higher output than standard sprayers.



#4020016

### GREY SOLVENT RESISTANT SPRAYER

- Special seals resist solvents such as mineral oils, paint thinners etc.
- Adjustable from a fine mist to a steady stream.



#4020002

### FOAMER SPRAYER

- Unique nozzle causes chemical to foam out covering 50% more target area and allowing for longer contact time.
- Unique internal piston design provides better chemical resistance.



1



2



4

#	PRODUCT CODE	DESCRIPTION
1	#4020006	24 oz. WHMIS bottle
2	#4020011	32 oz. round bottle
4	#4020009	32 oz. cylindrical bottle



#4000011

### 4 LITRE JUG PUMP

- Plastic pump delivers 1 oz. per stroke.
- Adapter fits 4 litre bottles.
- Plastic with stainless steel spring.
- Excellent for soaps, lotions, and chemical concentrates.



#4000012

### 20 LITRE PAIL PUMP

- 38/430 threading to fit most 20 litre pails.
- Delivers 1 oz. per stroke.
- 15 1/2" dip tube.
- Excellent for soaps, lotions, and chemical concentrates.



#5000007

### 20 LITRE E-Z FILL CONTAINER

- Perfect for storing pre mixed chemicals.
- Heavy-duty leak proof faucet.
- Convenient storage rack available.

## Sprayers & Hoses



#1640001



#1640002

### 7.5 LITRE PRESSURE SPRAYER

- High density polyethylene resists breaking, leaking and chemical corrosion.
- Rotating wand with adjustable nozzle.



#1640000

### 1.9 LITRE HEAVY DUTY PUMP UP SPRAYER

- Nozzle produces a thick clinging foam with foaming products.



#1640004

### WASH DOWN GUN

- Attaches to garden hose and accurately mixes and sprays foaming chemicals.
- 5 dilution settings.
- Eliminates the use of metering tips.



#9200091

### HOT WATER HOSE

- 50 foot 5/8" diameter heavy duty industrial hot water hose.
- 150 lb. PSI pressure and up to 200 degrees Fahrenheit.

## Drum Accessories



#4000101

### 3/4" DRUM TAP

- Fits standard drum threads.
- Inexpensive for general purpose use.
- Compatible with a wide variety of chemicals.
- Food approved.



#4000102

### 2" DRUM TAP

- Fits standard drum threads.
- Inexpensive for general purpose use.
- Compatible with a wide variety of chemicals.
- Food approved.

Many More Products Available.



#4000100

### ALUMINUM DRUM WRENCH

- Made of zinc aluminum alloy to be spark resistant.
- Alloy was selected for its high strength, toughness and economy.
- Opens 2" drums.

#5000009

### UNIVERSAL DRUM DOLLY

- Universal drum dolly is made of high density polyethylene.
- Fits 114 litre and 210 litre drums.



### DRUM HANDLING TRUCK

- EZ-tilt design makes it easy to "break over" the heaviest of loads.
- These trucks make moving heavy drums fast and easy.

## Ladders

Mr. Janitorial Supplies can provide you various styles of ladders in Fibreglass, Aluminum, and Steel designs to fit your specific needs. Contact one of our sales professionals to help select the correct ladder for your application.



### ALUMINUM ARTICULATING LADDERS

- Versatile ladder for a wide variety of jobs.
- Available in 250 lbs or 300 lbs rated capacities.
- 6 or 8 step units available.
- Compact and multifunctional.
- Sturdy "C" channel rail construction.
- Positive visual hinge locking indication in any position.
- Folds easily for storage and transportation.
- CSA Approved grade 1.

**250 lb  
RATED**



**300 lb  
RATED**

# FEATHERLITE INDUSTRIAL LADDERS

### FIBERGLASS EXTENSION LADDERS

- Durable non-conductive fiberglass side rails in high visibility red, orange or yellow.
- Available in 16-40 ft lengths.
- Available in 225, 250, 300, 375 lb weight ratings.
- Premium heavy-duty rung locks for durability.

**225 lb  
RATED**



**300 lb  
RATED**



Did you know many models of Featherlite step ladders have molded copolymer utility tops for holding tools and paint accessories.

## Ladders



**250 lb  
RATED**

### JAWS TELESCOPIC LADDER

- Strong multi-position ladder.
- Compact and multifunctional, replaces all conventional ladders.
- Easily folds for storage or transportation.
- Polymer rung locks are virtually indestructable.
- Available from a 6 ft 3" working height up to 26 ft.
- 5 sizes to choose from.



### ALUMINUM PLATFORM STEP

- Ideal for painting and light duty applications.
- Hand rail with comfort foam grip for added safety.
- 4 ft total height.
- Fold down utility tray for tools and paint accessories.
- Platform provides a large safe comfortable standing area.

**200 lb  
RATED**



### LIGHT DUTY ALUMINUM STEP LADDER

- Available in 4,5,6 ft lengths.
- Ideal for light duty applications.
- Strong yet light weight extruded side rails.
- Wide 3" slip resistant aluminum steps for safe climbing.

**200 lb  
RATED**



### HEAVY DUTY FIBERGLASS STEP LADDER

- Available in 4,5,6,7,8,10 ft lengths.
- Durable non-conductive "C" channel front rails and high visibility safety orange.
- Super tough copolymer top for strength and durability.

**250 lb  
RATED**



### EXTRA HEAVY DUTY FIBERGLASS STEP LADDER

- Available in 3,4,5,6,7,8,10,12 ft lengths.
- Durable non-conductive "C" channel front rails and high visibility safety yellow.
- Extra-large PVC rubber safety boots are heavy-duty and provide rail protection and slip-resistance.

**300 lb  
RATED**



### ROLLING STEEL LADDERS

- Many styles and models available.
- 1" 16 gauge round tube steel construction.
- Perfect for warehouse or retail applications.
- Available in a 1 step up to 16 step height.



# Absorbents

## Sheets, Socks & Powders



#3010003

### SAFE T ABSORBENT

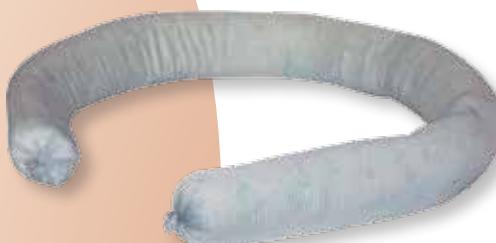
- 40kg oil absorbent.
- Non toxic field proven industrial absorbent that is economical, efficient and non-abrasive.
- 56 bags per skid.



#3000001 - 17" x 19" HD

### OIL ABSORBENT SHEETS

- Dimple bonded pads are perfect for most industrial applications.
- Heavy weight and strong.
- Heavy Duty - 100/cs
- Light Duty - 200/cs



#3030002

### OIL ABSORBENT BOOM

- 5" x 10' x 10/cs
- Constructed with a strong mesh outer skin, encasing a highly absorbent filler.



#3030008

### OIL ABSORBENT SOCKS

- 3" x 42" x 40/cs
- Constructed with a strong mesh outer skin, encasing a highly absorbent filler.

**SPECIAL SKID LOT PRICING  
AVAILABLE. CALL FOR DETAILS.**



# Sweeping Compound



#1160004 - 20kg (ea.)

#1160001 - 136kg (ea.)

### OIL BASED SWEEPING COMPOUND

- A powdered blend of saw-dust and oil to help eliminate fine dust when sweeping.
- Used for sweeping wood or concrete floors.



# Snow & Ice Melters

With a wide variety of ice melter products and accessories, Mr. Janitorial Supplies can help ensure a safe work environment for your staff and for your customers. We carry Ice Melters with the ability to melt ice and snow up to -22° celsius.



#6320002 - 50 lbs (ea.)  Thumbs Up Product!

#### AVALANCHE ICE MELTER

- Ice melter is fast, safe and non tracking.
- Specially enhanced with CMA (Calcium Magnesium Acetate).
- Blue colour for easy visibility.
- Effective up to -22° Celsius.



#6320055 - 20kg (ea.)

#### BLUE HEAT ICE MELTER

- An economical alternative.
- Safe for the environment and vegetation.
- Easy dispersion with blue colour for added visibility.
- Effective up to -15° Celsius.



#6310001 - 20kg (ea.)

#### ROCK SALT

- The most economical option for melting ice and snow.
- Excellent for large areas where cost efficiency is important.
- Effective up to -15° Celsius.



#6330002

#### PUSH SPREADER

- Heavy duty push spreader.
- 10" air filled tires.
- Heavy duty hopper holds up to 120 lbs.
- Enclosed gears are permanently lubricated.



#6320011 - (Yellow) )500 lbs.  
#6320008 - (Yellow) 1000 lbs.  
#6320007 - (Grey) 500lbs.

#### SALT/SAND BIN

- Comes with lockable clasp.
- Sturdy polyethylene plastic.
- Keeps contents secure and dry.

Available in:     
G Gr Y



# Pest Control



#0210023 - 325g (12/cs)

### KNOCK DOWN PROFESSIONAL HORNET & WASP BLASTER KILLER

- Contact and residual spray
- For use on wasps, bees, hornets and yellow jackets.



#0210022 - 350g (12/cs)

### KNOCK DOWN HORNET & WASP BLASTER FOAM

- Blankets wasp and hornets nests.
- Spray nests safely from 2-2.5M
- Non-staining, water based.



#0210020 - 400g (12/cs) - Aerosol

### KNOCK DOWN BED BUG KILLER

- Contains Pyrethrin 0.25% from chrysanthemum flower.
- Crack and crevice treatment.

### OTHER BED BUG PRODUCTS AVAILABLE

#0210045 - Climb up tower

#0210026 - Monitor



#0210024 - 400g (12/cs)

### KNOCK DOWN TOTAL HOME FLYING & CRAWLING INSECT KILLER

- Contains Pyrethrin 0.25% from chrysanthemum flower.
- Spray directly on insects for fast action.



#9200017 - 230g (12/cs)

### OFF DEEP WOODS

- For up to 8 Hours against mosquitoes.
- Also repels black flies, deer flies and ticks.

#0210027 - 212g (12/cs) - Aerosol

### KNOCK DOWN MAX FLYING INSECT KILLER

- Contains Pyrethrin 0.975% from chrysanthemum flower.
- Custom cap with holder for extension tube.



#0210015 - 500g (12/cs)

### AQUA BAC

- Used to control mosquito larvae.
- For use solely in standing waters where mosquito larvae are present such as rain gutters, ponds, road-side ditches or rain barrels.



#0210012

### MOUSE TRAPS

- An economical option to control mice.
- Spring loaded traps assure mice are killed.



#0200030 - 500g (12/cs)

### BROMONE RAT POISON

- 10 x 50g bait bags.
- An alternative to mouse traps.
- Effective against killing off rats and mice.
- One feeding is often enough.

# Lighting

## INCANDESCENT LAMPS

Incandescent lamps are the most familiar type of light source, with countless applications in homes, stores and other commercial settings. Light is produced by passing electric current through a thin wire filament, usually of tungsten. Their advantages include low initial cost, excellent colour qualities, good optical control and versatility.



## HALOGEN LAMPS

Halogen lamps produce light by passing current through a thin wire filament, but the filaments operate at higher temperatures, increasing efficiency (LPW) by more than 20%. Colour temperature is also higher, producing "whiter" light than standard incandescent lamps. Halogen lamps are available in a variety of shapes and sizes and can be found in a variety of lighting applications including accent and display lighting, car head lamps, and outdoor floodlighting.



## METAL HALIDE LAMPS

High pressure metal halide lamps are also very efficient (up to 115 lumens per watt), and produce a crisp, white light with good to very good colour rendering properties. They provide good optical quality control and are used in high quality outdoor lighting installations like floodlighting and sports lighting applications, and in retail, lobbies and other commercial and public spaces. The newest members of the metal halide family are called CMH (Ceramic Metal halide). These exciting new designs provide halogen-like colour appearance, high efficiency and superior colour control qualities, expanding the use of metal halide to even more colour critical areas in retail, commercial and even residential applications.



## HIGH PRESSURE SODIUM LAMPS

High pressure sodium lamps are highly efficient - up to 140 lumens per watt - and produce a warm, golden colour. Excellent for lighting large areas, they are often used in roadway lighting, floodlighting, offices, shopping malls, reception areas, parks, industrial and other commercial lighting applications. A deluxe version has improved colour rendering for interior and exterior applications.



## FLUORESCENT LAMPS

Fluorescent lamps are low-pressure mercury discharge lamps which are very energy efficient (up to 100 lumens per watt). Each requires a ballast to effectively start the lamp and regulate its operation. With fluorescent lamps, the amount and colour of light emitted depends on the type of phosphor coating applied to the inside of the lamp. The wide range of phosphors available makes it possible to produce many different colour tones (colour temperatures) and different levels of colour quality to fit the needs of the specific application. Because of their relatively large surface areas, the light produced by fluorescent lamps is more diffused and is far less directional than "point sources" like incandescent, halogen, and high intensity discharge lamps. All of these qualities make fluorescent lamps excellent for general lighting, wall-washing and task lighting in retail, office, industrial, and residential spaces.



## COMPACT FLUORESCENT LAMPS

Compact fluorescent lamps represent a major breakthrough in fluorescent technology. Because of their smaller diameters and folded configurations, compact fluorescent bulbs can provide high light output in much smaller sizes than conventional linear fluorescent lamps. Available in a variety of plug-in (separate ballasts required) and built-in ballasts designs, compact fluorescent lamps have led to the design of new-generation light fixtures for a complete range of industrial and commercial applications, and provide energy-saving and longer life replacements for incandescent lamps. In fact, compact fluorescent lamps can provide the same lumens as an incandescent lamp at nearly one-fourth the watts.



## Incandescent Light Bulbs

### 1) Determine the color temperature at which the lamp burns.

- Usually represented in one of three ways:

#### 1) Descriptive

- Warm White (WW), Cool White (CW), Daylight (D)

#### 2) Degrees Kelvin (by hundreds)

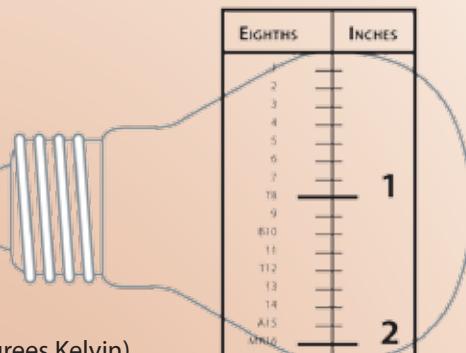
- 27, 41, 65, etc. (27=2700 degrees Kelvin)

#### 3) Color Rendering Index (CRI) + degrees Kelvin

- 735, 841 (735 = a CRI of approx. 75% and a color temp of 3500 degrees Kelvin)

### Determine the beam spread (light pattern) of the lamp.

Narrow Spot	NSP - 10 degrees
Spot	SP - 17 degrees
Narrow Flood	NFL - 24 degrees
Medium Flood	MFL - 26 degrees
Flood	FL - 36 degrees
Wide Flood	WFL - 55 degrees

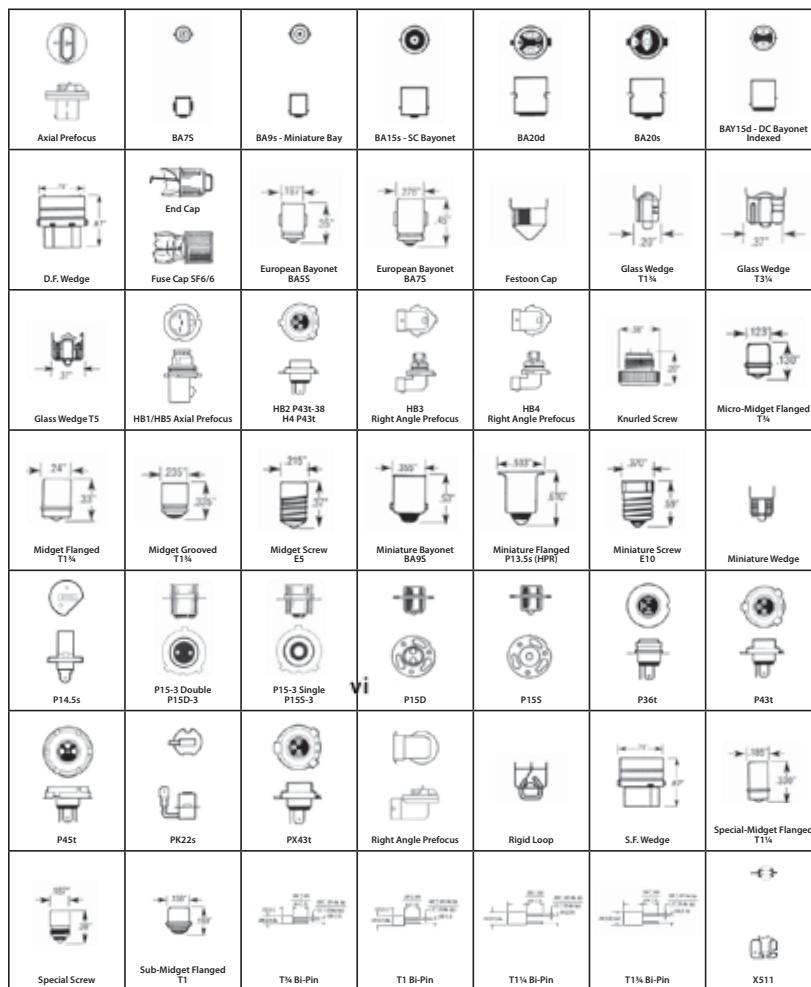


#### Sizing your Lamp

Maximum Overall Diameter (MOD) is given in eighths of an inch ( $1/8"$ ) or 3.2 mm.

For example:  
a PAR20 lamp is 20 eighths of an inch or  $2\frac{1}{2}"$  (53 mm) in diameter at its maximum dimension.

### Common Miniature Base Types



## Halogen Light Bulbs



### FLOOD LIGHT BULBS

- Incandescent flood light bulbs available in short neck or long neck styles.
- BR 30 are often used in track or recessed lighting.
- Indoor/outdoor versions available.

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000036	R 20 flood light.	30 watts.	5000 hrs.	60/CS
#4000156	BR 30 flood light.	65 watts.	5000 hrs.	25/CS
#4000014	BR 30 flood light.	75 watts.	5000 hrs.	25/CS



### HALOGEN FLOOD LAMPS

- Lower wattages result in less energy consumption.
- Brighter, whiter and longer lasting.
- Indoor/outdoor versions available.

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000176	PAR 20 halogen flood light.	35 watts.	3000 hrs.	15/CS
#4000159	PAR 20 halogen flood light.	50 watts.	3000 hrs.	15/CS
#4000182	PAR 30 halogen flood light.	50 watts.	3000 hrs.	15/CS
#4000044	PAR 30 halogen flood light.	75 watts.	3000 hrs.	15/CS
#4000152	PAR 30 halogen flood light (long neck)	75 watts.	3000 hrs.	15/CS
#4000153	PAR 38 halogen flood light.	75 watts.	3000 hrs.	15/CS
#4000052	PAR 38 halogen flood light.	90 watts.	3000 hrs.	15/CS

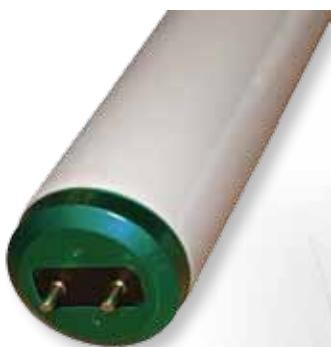
## Energy Saving Light Bulbs

ENERGY STAR qualified lighting uses 2/3 less energy than traditional lighting products and lasts 6 to 10 times longer. The ENERGY STAR label can be found on lighting products ranging from light bulbs to an increasingly wide range of stylish and task-oriented lamps and fixtures. To save the most energy and money, replace your highest used fixtures or the light bulbs in them with energy-efficient models.

Mr. Janitorial Supplies stocks a wide variety of energy saving light bulbs for virtually every need.



## Fluorescent Light Bulbs



### T12 MEDIUM BI-PIN FLUORESCENT TUBES

- The most popular standard regular indoor use light bulb.
- Available in 18", 24", 36" and 48".

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000163	18" T 12 medium bi-pin tube.	15 watts.	9000 hrs.	30/CS
#4000161	24" T 12 medium bi-pin tube.	20 watts.	9000 hrs.	30/CS
#4000024	36" T 12 medium bi-pin tube.	30 watts.	9000 hrs.	30/CS
#4000154	48" T 12 medium bi-pin tube.	40 watts.	20,000 hrs.	30/CS

### T12 HIGH OUTPUT FLUORESCENT TUBES

- High output tube light for outdoor and cold environments.
- Available in 18", 24", 36" and 48".

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000185	18" T 12 high output fluorescent tube.	18 watts.	9000 hrs.	30/CS
#4000045	36" T 12 high output fluorescent tube.	36 watts.	9000 hrs.	24/CS
#4000047	48" T 12 high output fluorescent tube.	48 watts.	12,000 hrs.	15/CS
#4000039	96" T 12 high output fluorescent tube.	96 watts.	12,000 hrs.	15/CS

### T12 SINGLE-PIN FLUORESCENT TUBES

- Standard single pin connector for 8 foot length tubes.
- For special applications in critical areas.

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000186	96" T 12 single pin fluorescent tube.	60 watts.	15,000 hrs.	24/CS

### T8 BI-PIN FLUORESCENT TUBES

- Low wattage fluorescent tubes for energy savings.
- Highest output and longest life.
- Available in 18", 24", 36" and 48".

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000046	18" T 8 bi-pin fluorescent tube.	15 watts.	20,000 hrs.	25/CS
#4000187	24" T 8 bi-pin fluorescent tube.	17 watts.	20,000 hrs.	25/CS
#4000139	48" T 8 bi-pin fluorescent tube.	40 watts.	20,000 hrs.	25/CS

### CIRCLELINE FLUORESCENT TUBES

- For special applications in critical areas.
- Available in 8" and 12".

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000049	12" circleline fluorescent tube.	32 watts.	12,000 hrs.	12/CS



## Fluorescent Light Bulbs

#4000188

### 6" U-SHAPE FLUORESCENT TUBE • 40 watts • 18,000 hour life • 12 per case

- U-shaped tube for specific fixtures.
- T 12 fluorescent tubes have become a standard in many commercial environments.
- Fluorescent tubes cost significantly less to operate than incandescent lamps.
- Also available in high output.



#4000189

### 3" U-SHAPE FLUORESCENT TUBE • 40 watts • 18,000 hour life • 12 per case

- U-shaped tube for specific fixtures.
- T 12 fluorescent tubes have become a standard in many commercial environments.
- Fluorescent tubes cost significantly less to operate than incandescent lamps.
- Also available in high output.



## Compact Fluorescent Light Bulbs



### SINGLE TWIN COMPACT FLUORESCENT

- Highly efficient replacement for incandescent bulbs.
- Long lasting life.
- High quality light output.

PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000040	Single twin compact fluorescent.	5 watts.	10,000 hrs.	50/CS
#4000053	Single twin compact fluorescent.	7 watts.	10,000 hrs.	50/CS
#4000190	Single twin compact fluorescent.	9 watts.	10,000 hrs.	50/CS
#4000003	Single twin compact fluorescent.	13 watts.	10,000 hrs.	50/CS

### DOUBLE TWIN COMPACT FLUORESCENT

- Highly efficient replacement for incandescent bulbs.
- Long lasting life.
- High quality light output.
- Available in 9, 13, 18, 22, 26 and 28 watts.



PRODUCT CODE	DESCRIPTION	WATTAGE	HOUR LIFE	QTY/CS
#4000191	Double twin compact fluorescent.	9 watts.	10,000 hrs.	50/CS
#4000192	Double twin compact fluorescent.	13 watts.	10,000 hrs.	50/CS
#4000149	Double twin compact fluorescent.	18 watts.	10,000 hrs.	50/CS

## Wipers

Look around any workplace and you'll see equipment surfaces and people that get dirty. Let Mr. Janitorial Supplies find the right wiping products to keep your workplace clean and productive.

Many More Products Available.



#2060056 - (per case)

### TORK ADVANCED 430 TALL POP-UP WHITE

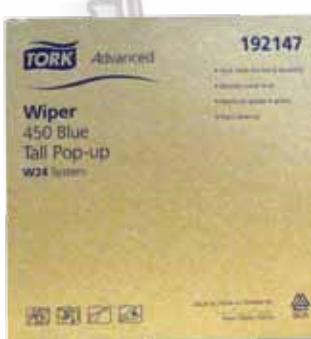
- 1 ply White
- 800 wipes c/s



#2060021 - (ea.)

### WYPALL X60

- 1 x 180 pop-up box.
- Hydroknit technology designed to out perform rags.
- Reinforced for extra scrubbing and cleaning power.
- Tough enough for big jobs, soft enough for face and hands.



#2060036 - (per case)

### TORK ADVANCED 450 TALL POPUP

- 1 ply blue
- 800 wipes c/s



#2060054 - (ea.)

### WYPALL X80

- 1 x 160 pop-up box.
- Absorbs more oil and water faster pound for pound than laundered shop towels.
- Maintains strength in solvents.
- Perfect for heavy duty machine and part wiping.



#2060091 - (per case)

### TORK ADVANCED TALL POPUP

- 1 ply blue
- 800 wipes c/s



#2060011 - (per case)

### WYPALL X60 WIPERS

- 12 rolls x 130 ft. per roll.
- No adhesives or binders; leaves no residue.
- Removes grease and soil in tight areas.
- Quick absorption rate.



#2060015 - (per case)

### TORK PREMIUM GREY MULTIPURPOSE CLOTH

- 500 wipes c/s



#2060012 - (per case)

### TORK ADVANCED 450 WIPER JUMBO ROLL

## Rags & Towels



**25 pound FLEECE**

#4060004 - (ea.)

### 25 LB COLOURED FLEECE WIPERS

- Compressed plastic packaging takes up less space.
- The most economical wiping option.
- Soft and thick.
- Absorbent track suit material.



**25 pound COLOUR T-SHIRT**

#4060001 - (ea.)

### 25 LB COLOURED T-SHIRT WIPERS

- Cotton blended light weight t-shirt material.
- Absorbent and economical.
- Compressed plastic packaging takes up less space.

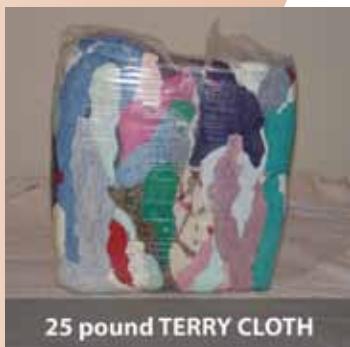


**25 pound FLANNEL**

#4060006 - (ea.)

### 25 LB COLOURED FLANNEL WIPERS

- A highly absorbent wiper.
- Compressed plastic packaging takes up less space.
- Cotton flannel material.



**25 pound TERRY CLOTH**

#4060003 - (ea.)

### 25 LB COLOURED TERRY CLOTH WIPERS

- Cut bath towels.
- The most absorbent disposable cloth wiper.
- Compressed plastic packaging takes up less space.



**25 pound WHITE COTTON**

#4060008 - (ea.)

### 25 LB WHITE COTTON WIPERS

- All white cotton wipers perfect for wiping grease, oil and dirt.
- For use when colour consistency is critical.
- Compressed plastic packaging takes up less space.



**25 pound WHITE TERRY**

#4060014 - (ea.)

### 25 LB WHITE TERRY WIPERS

- Cut white bath towels features an unparalleled absorbency.
- For use when colour consistency is critical.
- Compressed plastic packaging takes up less space.



**#4060010 - (12/pack)**

### LIGHT WEIGHT TERRY TOWELS

- 16" x 19" size.
- Embroidered edges.
- 16 oz. weight perfect for wiping bars, tables, counter tops and general cleaning.



**#4060015 - (12/pack)**

### HEAVY WEIGHT TERRY TOWELS

- 15" x 25" size.
- Double embroidered edges.
- 32 oz. weight for wiping up heavy spills.
- The most absorbency.

## Signs

Mr. Janitorial Supplies can supply a wide variety of reflective aluminum signs, adhesive backed decals, engraved signs, door and wall mounted signs, and much more. There are hundreds of options available to get your message across. Call us for details. 1-800-667-2604.



FIRE ROUTE SIGN



DRIVEWAY NO PARKING SIGN



PRIVATE PROPERTY NO PARKING SIGN



NO PARKING SIGN



PRIVATE PROPERTY NO PARKING - PERMIT SIGN



ONE WAY SIGN



PRIVATE PROPERTY TENANT PARKING



RESTROOM SIGN



STOP SIGN



HANDICAPPED SIGN



DO NOT ENTER SIGN



NO SMOKING SIGN



NO RIGHT HAND TURN SIGN



NO U TURN SIGN



YIELD SIGN



SPEED LIMIT SIGN



SCHOOL ZONE SIGN

# Office Supplies

Mr. Janitorial Supplies can provide thousands of office products and supplies.  
Call us for details. 1-800-667-2604.



#9600110 - 5000 c/s

### A1 PAPER LEGAL SIZE 8.5"X 14"

- Made from sustainable forest products
- 20 lb
- Acid Free
- 97 Brightness



#9600001 - 5000 c/s

### A1 PAPER LETTER SIZE 8.5"X 11"

- Made from sustainable forest products
- 20 lb
- Acid Free
- 97 Brightness

#9600024 - 12 Pads of 100/pack

### 3"x3" PREMIUM POP-UP ADHESIVE NOTES

- Self stick removable notes.
- 100 sheets per pad.
- Great for messages, indexing, tabbing colour coding and more.



#9600115 - Yellow - 12/pack

### HI LITERS

- Brilliant read-through colors.
- Moulded chisel tips to highlight or underline.
- Many colors available.



#9600068 - ea.

### LORELL GUEST CHAIR

- Genuine black leather.
- \* 100's of other models available!



#9600090 - ea.

### STANDUP STAPLER

- Ergonomic design
- A comfort grip.



#9600006 - ea.

### AUREX 8 DIGIT CALCULATOR

- Provides all the basic functions.
- Extra large angled LCD Display.
- Dual Powered.

# Dilution Chart

The following dilution ratios will be helpful when mixing the products found in this catalogue. The smaller number in the ratio is the number of parts of concentrate, while the larger number is the number parts of water.

APPROXIMATE CONVERSIONS				
FROM STANDARD / US CUSTOMARY UNITS				
TO SI / METRIC UNITS				
SYMBOL	WHEN YOU KNOW	MULTIPLY BY	TO FIND	SYMBOL
<b>LENGTH</b>				
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km
<b>AREA</b>				
in <sup>2</sup>	square inches	645.2	square millimeters	mm <sup>2</sup>
ft <sup>2</sup>	square feet	0.093	square meters	m <sup>2</sup>
yd <sup>2</sup>	square yard	0.836	square meters	m <sup>2</sup>
ac	acres	0.405	hectares	ha
mi <sup>2</sup>	square miles	2.59	square kilometers	km <sup>2</sup>
<b>VOLUME</b>				
fl oz	fluid ounces	29.57	milliliters	mL
gal	gallons	3.785	liters	L
ft <sup>3</sup>	cubic feet	0.028	cubic meters	m <sup>3</sup>
yd <sup>3</sup>	cubic yards	0.765	cubic meters	m <sup>3</sup>
<b>MASS</b>				
oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")
<b>TEMPERATURE</b>				
°F	Fahrenheit	(F-32) x 5 / 9 or (F-32) / 1.8	Celsius	°C
<b>ILLUMINATION</b>				
fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	candela/m <sup>2</sup>	cd/m <sup>2</sup>
<b>FORCE and PRESSURE or STRESS</b>				
lbf	poundforce	4.45	newtons	N
lbf/in <sup>2</sup>	poundforce per square inch	6.89	kilopascals	kPa

APPROXIMATE CONVERSIONS				
FROM SI / METRIC UNITS				
TO STANDARD / US CUSTOMARY UNITS				
SYMBOL	WHEN YOU KNOW	MULTIPLY BY	TO FIND	SYMBOL
<b>LENGTH</b>				
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	ft
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
<b>AREA</b>				
mm <sup>2</sup>	millimeters	0.0016	square inches	in <sup>2</sup>
m <sup>2</sup>	square meters	10.764	square feet	ft <sup>2</sup>
m <sup>2</sup>	square meters	1.195	square yards	yd <sup>2</sup>
ha	hectares	2.47	acres	ac
km <sup>2</sup>	square kilometers	0.386	square miles	mi <sup>2</sup>
<b>VOLUME</b>				
mL	milliliters	0.034	fluid ounces	fl oz
L	liters	0.264	gallons	gal
m <sup>3</sup>	cubic meters	35.314	cubic feet	ft <sup>3</sup>
m <sup>3</sup>	cubic meters	1.307	cubic yards	yd <sup>3</sup>
<b>MASS</b>				
g	grams	0.035	ounces	oz
kg	kilograms	2.202	pounds	lb
Mg (or "t")	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
<b>TEMPERATURE</b>				
°C	Celsius	1.8C + 32	Fahrenheit	°F
<b>ILLUMINATION</b>				
lx	lux	0.0929	foot-candles	fc
cd/m <sup>2</sup>	candela/m <sup>2</sup>	0.2919	foot-Lamberts	fl
<b>FORCE and PRESSURE or STRESS</b>				
N	newtons	0.225	poundforce	lbf
kPa	kilopascals	0.145	poundforce per square inch	lbf/in <sup>2</sup>

**Note:** When mixing cleaners, you may find it helpful to fill your container with the proper amount of water, then add the concentrate and thoroughly mix the solution. If you add water to the concentrate, you may create a large amount of foam. By adding the concentrate to the water, the amount of foaming from the concentrate is minimized.

# Glossary

## A

**Abrasive** - Contribute to the mechanical effectiveness of scouring cleansers. In general, abrasives consist of small particles of minerals.

**Acid** - Chemical substance with pH less than 7. Acids can dissolve calcium and metal salts and find use in tube, tile, sink and toilet bowl cleaners. Phosphoric acid is a common ingredient in such formulations. Hydrochloric acid is a strong acid used in some toilet bowl cleaners.

**Acidity** - A measure of the strength of an acid. See pH and Alkalinity.

**Acrylic** - Type of polymer used in floor finishes. Also, a man-made synthetic fibre used in spun yarn to resemble wool in carpet.

**Active Ingredients** - The ingredients in a product that are specifically designed to achieve the product performance objectives.

**Acute Effect** - Adverse effect on a human or animal that has severe symptoms developing rapidly and coming quickly to crisis. Also see CHRONIC.

**Adhesion** - A necessary characteristic of a floor finish, which causes it to bond to the floor rather than peel, flake or powder.

**Aerobic Bacteria** - Bacteria that requires oxygen. Pseudomonas is an example.

**Air - Indoor Air Quality** - Is typically 10 to 100 times worse in quality than outdoor air. In the interests of energy efficiency, heating and air conditioning units (HVAC) have been designed to maximize the use of indoor air.

**Algaecide** - A product which destroys algae.

**Alkali** - A chemical substance with pH greater than 7. Alkali ensures that pH is maintained at a desirably high level during cleaning. Sodium hydroxide and sodium metasilicate are strong alkalis which not only maintain a high pH, but also play a primary role in removing solid grease. Sodium bicarbonate (baking soda) provides alkalinity at a somewhat lower pH. It is useful for buffering formulations which will contact the skin and for other uses where mildness is important. Silicates perform additional useful functions. They provide corrosion protection, particularly on "white" metals like aluminum.

**Alkaline Residue** - Unsightly film left on floor surface after stripping. A white powdery film which can best be observed by running your hands across the floor surface.

**Alkalinity** - Useful in removing acidic, fatty and oily soils. Detergent products can be formulated at any level of alkalinity to meet cleaning performance requirements. Quality of being alkaline.

**Ammonia** - An alkaline gas composed of nitrogen and hydrogen. 5% to 10% solutions of ammonia in water are sold as household ammonia.

**Anhydrous** - A product that has had all of the water removed.

**Anionic** - Negatively charged part of a molecule. Anionic surfactants are widely used in high-sudsing detergents.

**ANSI** - American National Standards Institute; a privately funded, voluntary membership organization that identifies industrial and public needs for national consensus standards and coordinates development of such standards.

**Antidote** - A substance that counteracts the effects of a poison.

**Antifoaming Agents** - Antifoaming agents are necessary in floor coatings to reduce and eliminate bubbles and foam when the finishes are applied. Bubbles and foam interfere with continuous film formation and can cause cratering when the bubbles break during the drying process.

**Antimicrobial** - Agent which inhibits bacteria, fungi, protozoa or viruses that are pathogenic.

**Antimicrobial Agents** - Can destroy bacteria and viruses by interfering with their metabolism or destroying their cell walls. Different chemical structures can serve this purpose, including alcohol, sodium hypochlorite, iodine, pine oil, phenolic and quaternary ammonium compounds.

**Antiseptic** - Any chemical agent that is usually applied to living tissue and which renders micro-organisms harmless either by killing them or by preventing their growth and reproduction.

**Antistat** - Substance which reduces or prevents static electricity.

**A.O.A.C. Method** - Association of Official Analytical Chemists' method of determined phenol coefficient and kill-effectiveness of disinfectant and sanitizing products.

**Aqueous** - A solution which contains water.

**Aromatic Solvents** - Solvents made of compounds that contain an unsaturated ring of carbon atoms, typified by benzene's structure. Xylene and toluene are aromatic solvents.

**Asbestos** - A non-flammable mineral fibre that was once used extensively in some floor tiles especially vinyl asbestos tile (VAT) and asphalt tile. Its use is limited because asbestos is known to be a carcinogen.

**Asphalt Tile** - A floor tile manufactured with a mixture of synthetic fibres, lime, rock, mineral fillers and colouring. Asphalt is used to bind the materials together.

**Asphyxiant** - A vapor or gas that robs the body of oxygen. This can cause loss of consciousness or death. Adequate ventilation is essential when working in confined spaces or when higher levels of volatile materials are being used.

**ASTM** - American Society for Testing Materials.

**Autoclave** - An apparatus for sterilizing, using super heated steam under pressure.

**Auto-Ignition Temperature** - The temperature at which a material will begin burning without the presence of a flame.

**Automatic Scrubber** - A battery or electrical cord powered floor machine that dispenses cleaning solution, scrubs the floor, and then recovers the solution using a vacuum. All of this can be done in one pass. They are also known as automatics or walk behinds.

## B

**Bacteria** - Minute, one-cell plant-like, microscopic organisms which differ from true plant in that they lack chlorophyll. They reproduce by binary fission.

1. Autotrophic - organisms that live on inorganic matter
2. Heterotrophic - organisms that live on organic matter
3. Parasites - those which require living organic matter for growth

# Glossary

4. Saprophytes or Saprofugens - those which live on dead organic matter

**Bactericide** - A product that kills bacteria. See also GERMICIDE and DISINFECTANT.

**Biodegradable** - Biodegradation is the process where organic compounds are decomposed by the actions of living organisms in the presence of oxygen into smaller organic fragments and ultimately carbon dioxide, water and other inorganic harmless substances. Organic compounds are needed in biodegradation. In other words, you need to have organic (carbon-compounds as opposed to inorganic (non-carbon) compounds in order for biodegradation to occur. When micro-organisms aerobically degrade, they primarily use carbon as their energy source. In this process, the carbon is removed from the aqueous environment and is converted either into components of the organism (i.e. cell walls and so on) or carbon dioxide. The equation is as follows:

Micro-organisms - Carbon Compound (Organic Cleaner) + Oxygen  
-> Energy + Biomass + Carbon Dioxide.

The real concern when we look at a product's impact on the environment is either the toxicity of the chemicals or the total burden. In the latter cause, if the organic materials do not biodegrade rapidly, they can persist and eventually have an impact on the quality of drinking water.

OECD (Organization for Economic Co-operation and Development) OECD test method 301D Readily Biodegradable Closed Bottle - measures the Biochemical Oxygen Demand (BOD) -- the oxygen consumed by the microorganism in the test, versus the Theoretical Oxygen Demand (TOD or ratio of the BOD over the COD) is greater than 60 per cent, the chemical is considered to be readily biodegradable with one additional qualifier -- time. The chemical must achieve this threshold on 28 days. Once the degradation begins, it must hit the 60 per cent mark in a 10 day window of time within the 28 days. (In other words, it can't creep gradually up to 60 per cent over the entire 28 days).

When a compound has been converted into innocuous inorganic end products, it is identified as being completely mineralized or ULTIMATELY BIODEGRADABLE. Hence, the screening classification of ULTIMATE IS READILY BIODEGRADABLE, which is what we have just described in 301D (i.e. a 60 per cent threshold 10-day window, 28-day limited which indicates that the degradation reaction is rapid and effective).

Inherently Biodegradable - is applied to compounds that show degradation stretched out. For example, a 12-week period is allowed in OECD Method 302A, and a more favorable biomass may be allowed. This explains why inherent is the least desirable classification.

**Black Heel Marks** - Black heel marks are caused by footwear or equipment leaving a dark mark on the floor.

**Bleach** - A product that cleans, whitens, removes stains and brightens fabrics.

**Bleaching Agents** - Act as soil and stain removers. They attack soil chemically, breaking it down to smaller units. Coloured soils and stains are oxidized to a colourless, more easily removable form.

**Bleeding** - Removal or dispersion of colour from carpet or other floor tile material by liquid. Floor tile (particularly asphalt) can bleed from an excessive concentration of stripper solution.

**Blushing** - A film defect appearing as a milky opalescence that sometimes appears as the floor finish film dries. It is caused as the rapid solvent evaporation cools the surface and moisture from the air condenses on the wet coating. This condition is commonly encountered when air flow is poor and humidity is high. This same condition can

occur when coats are rushed and applied before the prior finish coat is completely dry.

**B.O.D.** - Biological Oxygen Demand.

**Boiling Point (BP)** - The temperature at which a liquid changes to a vapor state at a given pressure.

**Brighteners** - Optical or fluorescent enhancers found in carpet and fabric cleaning products.

**Broad Spectrum** - Killing a wide variety of Gram - (Negative) and Gram + (Positive) organisms. Effective against salmonella choreresis and staphylococcus aureus.

**Browning (Brown Out)** - A reaction that occurs in carpet when high pH solutions cause the carpet's natural colouring in the backing (usually jute) to travel up the fiber strand and discolour the carpet.

**Buffer** - Any substance in a fluid which tends to resist a change in pH when acid or alkali is added. Also a slang term for a floor buffering and scrubbing machine.

**Buffering Agent** - A substance which, when added to a solution, assist in maintaining the original pH of the solution.

**Builders** - The most basic function of builders is to tie up the hardness minerals in water so they do not interfere with cleaning action of surfactants - they soften water.

**Building-Related Illness (BRI)** - Refers to a specific illness brought about by indoor air quality problems. (Perhaps the best-known example of RBI is Legionnaires disease).

**Burnish** - To polish or make shiny. To develop a smooth, lustrous surface finish by rubbing with a floor pad or brush.

**Burnishing** - A maintenance method used to produce a gloss with functional heat and vigorous mechanical action. (I.e. floor pads under a high speed floor machine).

**Butyl Cellosolve** - A trademark name for a water-soluble solvent frequently used in degreasing products. Actual name of slang term "butyl".

## C

**Calcium Carbonate** - An inorganic compound that occurs naturally as chalk and limestone. Its very slight solubility in water is a chief cause of "hardness" in water.

**Carcinogen** - A substance or agent capable of causing or producing cancer in mammals, including humans.

**Carnauba** - A natural wax from the leaves of the carnauba palm in Brazil. A polishing wax, used in car wax and some floor waxes for wood floors.

**CAS** - Abstracts and indexes information published in Chemical Abstracts" by the American Chemical Society. "CAS Numbers" are used to identify specific chemicals or mixtures.

**CAS Registry Number** - This system enables users to gain access to a unique identification of a chemical substance on the basis of an ambiguous computer language description of its molecular structure, including all stereochemical detail.

**Catalyst** - A substance which increases the speed of a reaction with-

# Glossary

out itself being consumed by the process.

**Cationic Surfactant** - A surfactant that is from a positively charged ionic group. The most common cationic surfactants are known as quaternary ammonium compounds such as alkyl dimethyl and ammonium chloride. These are widely used as disinfecting and sanitizing products.

**Caustic** - Strong base (alkaline) substance which irritates the skin. It also refers to caustic potash (potassium hydroxide) which is used in manufacturing soft soap.

**Ceramic Tile** - Clay tile with an impervious, usually glossy, layer on the surface.

**CFC** - (a short form of chlorofluorocarbon): CFC's have been shown to be one of the major contributors to the depletion of the ozone layer, a stratospheric barrier to high intensity ultraviolet light from the sun which would destroy life as we know it, if it were to reach the surface of the earth.

**CGSB** - The Canadian Government Standards Board.

**C.F.M.** - Cubic Feet per Minute. Describes the amount of air generated by a vacuum motor.

**Chelating Agent** - An organic sequestering agent used to deactivate hard water and other metallic ions in water. Chelating agents are used in detergent formulations because they deactivate the hard minerals such as calcium and magnesium and reduce ill effects of other dissolved metals.

**Chemtrec** - Chemical Transportation Emergency Center is a national center established by the Chemical Manufacturers Association to relay pertinent emergency information concerning specific chemicals on request from individuals.

**Chemical** - A word much misused in every day parlance. Everything is made up of chemicals. Water, table salt and the calcium carbonate and calcium phosphate which are the primary ingredients of bone are all chemicals.

**Chlorinated Solvent** - An organic solvent that contains chlorine atoms as part of the molecular structure. They include carbontetrachloride (vapor degreasers) chlorothene, trichlorethylene and perchlorethylene. They are being phased out of the cleaning industry.

**Chlorine Bleach** - As group of strong oxidizing agents commonly sold in an approximately 5% solution of sodium hypochlorite. Bleach should not be used with silk, woolens or dyes sensitive to hypochlorite, nor on certain stains such as rust (which it can set).

**Chronic Effect** - An adverse effect on a human or animal body, with symptoms that develop slowly over a long period of time or that recur frequently. Also see ACUTE.

**CIP (Cleaned-In-Place)** - Many pieces of food and dairy processing equipment cannot be disassembled for cleaning, so they are cleaned in place.

**Cleaning** - Cleaning is locating, identifying, containing, removing, disposing of unwanted substances (pollutants) from the environment. It is our most powerful means of managing our immediate surrounding and protecting our health.

**Cleanser** - A powdered or liquid cleaning product generally containing abrasives, a surfactant and frequently a bleach.

**Coalescing Agents** - These are ingredients added to floor coatings to assist in the film formation. Once the water evaporates from the coating, the coalescing agents remain and evaporate slowly allowing the polymers, resins, waxes and acrylics to form a continuous and durable film.

**C.O.D.** - Chemical Oxygen Demand.

**Colloids** - Dispersions of particles in a liquid which are in such a finely divided state that gravitational forces will not separate the particles, even though they are too large to form a true solution. The dispersion is maintained by the repulsive forces of the similar electrical charges on the particles and can be broken by introducing an electrical current or by adding electrolytes to mixture.

**Colours and Dyes** - Ingredients added to improve the appearance of a product. Many artificial dyes have been the subject of scientific controversy; their use in food is now heavily regulated.

**Compostable** - Able to be composted in the aerobic conditions found in composting systems. Compost is the product of decay of organic materials.

**Conductive Flooring** - A special type of floor or floor covering that allows static electricity charges to drain away easily. Some types also prevent a static charge from building up.

**Corrosion** - The electrochemical degradation of metals or alloys due to a reaction with their environment.

**Corrosion Inhibitor** - A substance which protects against oxidation of metal surfaces.

**Corrosives** - Substances which cause skin and eye damage at the site of contact.

**Coverage** - The amount of product that is required to coat or treat a specific area. Usually expressed in square feet per gallon (sq.. ft./gallon)

**Cradle-to-Grave Assessment** - A process of assessing the environmental impact of products or processes from the source of their ingredients through to their final disposal.

**Crazing** - A small irregular cracking or breakup in a floor finish film or coating after it has dried on a surface. Powdering, dulling and walk off of the finish can result.

**Curing** - A chemical aging process that allows floor finishes to bond and harden.

## D

**Damp Mopping** - Mopping with a mop wrung out tightly in a cleaning solution containing mild detergent, disinfectant or sanitizing agent.

**Defoamer** - Substance used to reduce or eliminate foam.

**Degreaser** - A specialty product that removes grease and greasy/oily soils from hard surfaces.

**Deionized Water** - Water from which charged or ionizable organic salts are removed.

**Deodorant** - A product for masking or eliminating offensive odors.

**Designs For Disassembly (DFD)** - In a world where recycling is

# Glossary

on the rise and the cost of disposal is increasing to the point where reducing waste is on every organization's agenda, ease of destruction is becoming every bit as important as ease of construction.

**Detergency** - Is the action of removing soil by actually lifting it from the surface and distributing it as suspended particles throughout the cleaner.

**Detergent** - Synthetic cleaning agent (other than soap) which is useful in physical removal of soils.

**Dioxins** - A family of chlorinated organic substances of which one member, known scientifically as 2,3,7,8, TCDD, has been described as "the most toxic chemical produced by humans".

**Discolouration** - The tendency of a floor finish to turn yellow or darken with age or successive coats. Many times this is caused by embedded dirt.

**Disinfectant** - An agent that destroys harmful bacteria and/or viruses on inanimate surfaces.

**Disinfection** - Direct removal of a microorganism which physically eliminates it from potential sites of growth. Washing with soap and water is perhaps the single most important measure for controlling and removing microorganisms.

**Dispersibility** - A product that goes into solution quickly and uniformly without excessive agitation and is completely soluble in all portions in all normal, soft, and hard water.

**Dry Absorbent Cleaning** - A carpet cleaning method that uses an absorbent powder that contains a solvent. The powder is worked into the carpet pile in order to absorb the grease and dirt, allowed to set for a period and then vacuumed.

**Dry Foam Cleaning** - In this cleaning method a concentrated foam is used as the cleaning agent.

**Dynamic Coefficient of Friction** - The ratio of the force required to keep an object moving to the weight of the object.

**Disposable** - Generally applied to products which are intended to be used once or for a relatively short life before being thrown away. Environmentalists generally regard disposable as a derogatory term.

## E

**EcoLogo** - A federal government program designed to draw consumer attention to those products which are environmentally improved. The EcoLogo itself, consisting of three doves intertwined to resemble a maple leaf, may be associated only with those products that have been approved by Environment Canada and that adhere to the relevant government regulations.

**Ecology** - The science of the relationship between organisms and the environment.

**Efflorescence** - A white deposit sometimes found on concrete or brick surfaces. It is caused by moisture bringing water soluble salts to the surface. The salts are deposited on the surface as the water evaporates.

**Electrolytes** - Substances capable of conducting an electric current, either in their pure liquid state or when in solution. Acids, bases and salts are all electrolytes.

**Emulsification** - The action of breaking up fats, oils and other soils

into small particles which are then suspended in a solution.

**Emulsifying Agents** - Substances to make an emulsion stable by surrounding the suspended droplets.

**Emulsion** - A two-phased liquid system which small droplets of one liquid are uniformly dispersed throughout the second.

**Environmentally Friendly®** - A trademark of Loblaw Companies. Terms such as environmentally friendly are falling into disuse as environmentalists point out that nothing is environmentally friendly.

**Enzyme** - A protein which initiates or accelerates a chemical reaction. Some occur naturally, others are created through biotechnology. Enzymes break down soils into simpler forms that can easily be removed by the cleaner. They are proteins that are classified by the type of soil they break down: amylase works on starch soils, lipase on fatty and oily soils and protease on protein soils.

**E.P.A.** - Federal Agency which assures that products intended for environmentally use that affect living things (insects, plants, bacterial, rodents) perform as the label indicates and to assure that the label provides all appropriate cautions relative to any potential hazards to the user or the environment. Also, to assure that the label clearly tells the user how and when to use this product.

**Epidemiology** - The science which deals with the study of disease in a general population. Determination of the incidence (rate of occurrence) and distribution of a particular disease (as by age, sex or occupation) may provide information about the causes of the disease.

**ESD Protective Materials** - Material capable of limiting the generation of static electricity; rapidly dissipating electrostatic charges over its surface or volume; or providing shielding from ESD spark discharge or electrostatic fields.

**Etch** - A chemically caused change on the outside of a smooth floor surface which causes the floor to be pitted or rough.

**Exposure Limit** - The limit set to minimize an employee's exposure to hazardous material. See PEL, TLV and TWA.

## F

**Factory Finish** - A temporary finish applied to a floor covering by the manufacturer. This finish provides protection during manufacture, transportation, storage and installation. The factory finish must be removed prior to application of a floor sealer finish.

**Fatty Acid** - An organic substance (most commonly tallow and coconut oil, which reacts with a base to form soap).

**Fish Eyes** - Small circles that appear in a floor finish after it has dried. Can be caused by too much agitation during application or by applying too heavy a coat of finish.

**Flashpoint** - The minimum temperature at which liquid gives off vapor in sufficient concentration to ignite when tested.

**Fungi (Fungus)** - Vegetable organisms that lack chlorophyll and are filamentous. Fungi includes mold, mildew, yeast and mushrooms.

## G

**Germicide** - A substance that kills stated micro-organisms.

**Gloss** - The property of a surface involving specular reflection responsible for lustrous or mirror-like appearance. Measured with a

# Glossary

glossmeter usually at a 60 degree angle.

**Glossmeter** - An instrument for measuring gloss.

**Grains Hardness** - A measure of water hardness. The actual amount of dissolving calcium and magnesium salts measured in parts per million.

**Gram Positive and Gram Negative** - Gram (negative) - Refers to chemical difference in certain bacteria which shows up by the Gram staining procedure which uses crystal violet and iodine. These bacteria stain red. Pseudomonas and salmonella are examples of GRAM negative bacteria. Named after Dr. Hans C.J. Gram. Gram (positive) - Refers to chemical difference in certain bacteria which shows up by The Gram staining procedure. These bacteria stain blue. Staph and strep are examples of GRAM positive bacteria.

**Grout** - Matrix between ceramic tile on walls and floors.

## H

**Hardness of Water** - Measure in ppm (parts per million) of minerals. Amount of dissolved minerals (calcium, magnesium) found in water. Water containing soluable salts of calcium and magnesium and sometimes iron is considered hard.

**Heeling** - Technique of applying pressure to the edge of a floor machine and pad to remove black shoe marks.

**Hepatitis B Virus** - Hepatitis is a general term describing an infection or inflammation of the liver. Hepatitis B virus (HBV) is a serum hepatitis compared to Hepatitis A which is an infections hepatitis. HBV is transmitted through blood and blood products, shared needles, venereal and maternal transmission and saliva.

**HIV** - Human Immunodeficiency Virus: the agent of acquired immune deficiency syndrome (AIDS). Once the diagnosis is made, with all its symptoms, 50% of individuals will not survive for more than one year.

**Humidity** - A measure of moisture in the atmosphere.

**Hydrochloric Acid (HCl)** - Also known as muriatic acid. Used in toilet bowl cleaners in varying dilutions. Hydrogen Chloride.

**Hydrofluoric Acid (HF)** - A highly corrosive inorganic acid often found in commercial rust removers and stain removers. Use with extreme caution.

## I

**Inorganic** - Is a scientific term used to describe substances which are not composed primarily of carbon, hydrogen and oxygen atoms. (See Organic)

**Iodophor** - Combination of iodine and detergent used for disinfecting.

**Ionic Compatibility** - Electrical charges in chemical formulations similar to the North and South poles on a magnet.

**Irritant** - Something that causes an inflammation reaction in the eyes, skin or respiratory system.

## J

**James Machine** - Gives very precise, reproducible readings of the static coefficient of friction between typical shoe leather and coated

floor panels. The Canadian Government Standards Board (CGSB) established the figure of 0.5 on the James Machine as the minimum reading for floor finishes. Ratings above this level pass, readings below fail.

## L

**LD50** - The dose that will kill 50% of the test animals in a controlled environment. LD = Lethal dose measured in milligrams per kilogram of body weight.

**Leveling Agent** - Substance added to floor coating which allows it to flow evenly in application and to help prevent "puddling".

**Local Exhaust** - A system for capturing and exhausting contaminants from the air at the point where the contaminants are produced (welding, sanding, etc.)

## M

**Metal Interlock** - The use of a metal molecule in the chemical structure of polymers to provide resistance to detergents or floor polishes made from these polymers. (Usually zinc).

**Micron** - 1/25,000 of an inch.

**Microorganisms** - Living organisms that are too small to be seen without the aid of a microscope. They are also called microbes or germs. Examples include bacteria, viruses, fungi and parasites.

**Mildew** - A growth produced by a fungus.

**Mop Drag** - A resistance between the mop and a floor finish during application.

**MSDS** - Material Safety Data Sheet. A document produced by the manufacturer of a chemical product that explains the hazards associated with the product.

**Multiple Chemical Sensitivity (MCS)** - Refers to the symptoms faced by a small subset of individuals who are hypersensitive to various chemicals in the environment. These sensitivities generally cannot be traced to a single source. An estimated 15 million Americans suffer from extreme chemical sensitivity, according to the National Academy of Science.

**Muriatic** - Commercial name given to hydrochloric acid.

## N

**Neutral** - A chemical state that is neither acid nor alkali (base); 7 on the pH scale.

**Neutralizer - Chemical** to change the pH of a surface so that residues will not interfere with floor coating adhesion.

**Nonionic Surfactant** - A surface active agent that contains neither positively nor negatively charged (ionic) functional groups. These surfactants have been found to be especially effective in removing oily soil.

**Non-Volatile Solids** - Refers to the actual amount, expressed in percentage, of a floor finish product that remains on the floor after the drying process.

## O

**Odor Threshold** - The lowest concentration of a substance's vapor, in air, that can be smelled.

# Glossary

**Optical Brightener** - Substance which makes colour appear brighter in the presence of sunlight and ultra violet light.

**Organic** - Is also a scientific term used to describe substances composed primarily of carbon, hydrogen and oxygen atoms. The name arose because early chemists believed that such substances could only be produced by natural systems. Today many organic chemicals are artificial.

**Orange Peel** - A roughness in the surface of a finish which resembles the skin of an orange.

**OSHA** - Occupational Safety and Health Administration which establishes and enforces laws relating to work safety.

**Overexposure** - Exposure to a hazardous material beyond the allowable exposure limits.

**Oxidation** - To combine with oxygen. Slow oxidation is typified by the rusting of a metal.

**Ozone** - A toxic substance which is fairly unstable. The ozone layer shields the surface of the earth from harmful solar radiation.

## P

**Packaging** - The wrap placed on products of all kinds for such purposes as prevention of spoilage, protection of safety and health, labeling, marketing and tamper-proofing. Some estimates suggest that Canadians use one tonne of packaging per family per year. The National Packaging Protocol has been adopted in principle by the federal and all provincial governments. In the year 2000, the protocol required that packaging sent for disposal shall be no more than 50% of the amount sent for disposal from 1988. Interim targets apply. The Protocol requires governments to implement regulations "as necessary" to ensure compliance with the policies which it contains.

**Pathogen** - A disease producing microorganisms.

**Particulates** - Have an important impact on indoor air quality. They range from inorganics and organic matter such as mite feces, dust and fibres.

**PEL** - Permissible Exposure Limit. The maximum airborne concentration of a substance regulated by OSHA to which a worker may be exposed.

**Pesticide** - Agent which prevents, repels, destroys or mitigates pests. Types include: insecticides, disinfectants and sanitizers, rodenticides and herbicides.

**pH** - The pH of a solution is a measurement of its acidity or alkalinity. The scale covers a range of 0 to 14, with 7 being the neutral point. All solutions with a rating of less than 7 are acidic in nature, while those above 7 are alkalis. (0 is 10 times more acidic than 1, 1 is 10 times more acidic than 2, etc.)

**Phenol Coefficient** - A comparison of germicidal effectiveness of disinfectant products with phenol. Usually considered an obsolete comparison.

**Phenolics** - A term used to describe a carbolic acid disinfectant compound. Wide germicidal action on bacteria, viruses, fungi, mold, mildew, and effective against tuberculosis.

**Phosphates** - A non-toxic, natural inorganic raw material consisting largely of calcium phosphate that is added to a detergent to increase its water softening ability. It is also used in the manufacture of

phosphate fertilizers, phosphoric acid, phosphorus and animal feed. Excess concentration of phosphates can lead to "dead lakes".

**Phosphoric Acid** - The most common acid based on phosphorus sometimes called orthophosphoric acid.

**Pine Oil** - An oil processed from the gum of pine trees. Used in hard surface cleaning and disinfecting and is distinguished by a characteristic aroma.

**Pitting** - Formation of small craters on the surface of concrete and terrazzo floors which will grow in size, with traffic and chemical exposure, unless coated with a protective floor finish.

**Plasticizer** - An ingredient added to floor finish to make it flexible.

**Plasticizer Migration** - Plasticizers which are present in some types of vinyl and vinyl asbestos flooring and can attack a floor finish film.

**Powdering** - A disintegration of a polish film into a fine white dust. Powdering can be the result of poor adhesions, loss of plasticizing agents to cleaning solutions, application while temperature or relative humidity is too low to allow proper film formation, application to an unclean floor, heavy traffic or inclement weather.

**Polymers** - Are compounds whose molecules are very large. When polymers dry, they form films, much in the same manner in which paint dries to a thin film. This is particularly helpful in floor care products where the film protects the surface and may provide a shine as well.

**Post-Consumer** - Applied to recycled material, means material that has been recovered after consumers have used it.

**PPM** - Parts per million. One part per million equals 1 pound in 500 tons.

**Precipitate** - Material settled out of solution.

**Preservative** - A substance which inhibits the growth of molds, bacteria, etc. and thus helps to prevent spoilage, decay, discolouration, oxidation and bacterial attack.

**Pseudomonas Aerguinosa** - A detergent-resistant, bacterium that causes upper respiratory ailments.

**PSI** - Pounds per square inch. Measure used in determining solution pressure in steam carpet cleaning and pressure washers.

## Q

**Quaternary Ammonium Compounds** - A class of chemical used as disinfectant, antistat and softening agents (Quats).

## R

**Reactivity** - Tendency of chemical reaction with the release of energy to occur.

**Recoat** - Procedure incorporated in floor maintenance programs to increase the level of protection by applying an additional coat of floor finish.

**Recyclable** - capable of being recycled. The term is used to describe products which are technically recyclable even if no recycling facilities exist for that material. Governments are increasingly moving to require that the term recyclable only to be used on those products or packages for which recycling programs serving a large number of municipalities are in place and operating. Products or packages

# Glossary

made from an assortment of materials are sometimes more difficult, or less economic, to recycle than those made from a single material. Primary recycling is the conversion of a product from its used form into a new product of the same (e.g.. Making new food cans from used food cans). Secondary recycling is the conversion of a used product into something still useful but of lower value.

**Registration Numbers:** **EPA Registration Number** - Found on a United States produced disinfectant indicating that the disinfectant meets the U.S. Environmental Protection Agency's (E.P.A.) Criteria for disinfectants. **DIN Registration Number** - The Drug Identification Number (DIN) found on a Canadian produced disinfectant indicating that the disinfectant meets the Canadian Department of Health and Welfare criteria for disinfecting the stated pathogens on the label at the prescribed dilution rate. Valid when used in only health care establishments.

**PCP Registration Number** - The Pest Control Products Act (PCP) number found on a Canadian produced disinfectant indicating that the disinfectant meets the Canadian Department of Agriculture's criteria for disinfecting the stated pathogens on the label at the prescribed dilution rate. Valid when used in all other areas except health care establishments.

**Renewable** - Resources which are potentially available in never ending supply. To be renewable, the rate for use may have to be limited to the rate at which it can grow.

**Resilient Tile** - Tile that will withstand shock without permanent damage; includes rubber, cork, asphalt, linoleum, vinyl and vinyl asbestos. This tile will give under impact and certain loads and then return to its original form after the load is removed.

**Rotary Brush Carpet Cleaning** - A technique in which a detergent solution is worked into the carpet pile by a brush attached to a rotary buffering machine. Loosened soil is usually removed by vacuuming. Commonly called carpet shampooing.

**Routes of Entry** - This means by which way material may gain access to the body; for example, inhalation, ingestion and eye or skin contact.

## S

**Salmonella Choleraesuis** - (samon-el'la kall-er-uh-soo'-is) Form of bacteria transmitted by food and causes food poisoning.

**Sanitizer** - A term applied to a chemical or formulation that reduces pathogenic organisms to humanly acceptable levels. Dependent upon the number of microorganisms present, the 0.001% survivors may be enough to cause cross contamination or nosocomial infections in susceptible hosts.

**Saponification** - The process of converting a fat into soap by treating it with an alkali. Also the process used by some cleaners to remove grease and oil.

**Scale** - Calcium or mineral deposits in steam boilers and steam and water pipes.

**Scuffing** - Non-discolouring marks in a floor where the film has been dulled by traffic. In a waxed floor they can generally be removed by buffing with a floor machine. The spray buffing technique is generally used to remove scuff marks from polymer finishes.

**Sealer** - A coating used to seal the pores of a surface. Generally used when floors are worn, porous or won't hold a floor finish.

**Sequestering Agents** - Chemicals that tie up water hardness and pre-

vent the precipitation of hard water salts. This action causes clarity in liquid soap. E.g.. EDTA.

**Shelf Life** - The time between manufacturing and the time that a product becomes spoiled, unusable or ineffective because of age.

**Sick Building Syndrome (SBS)** - refers to symptoms of non-specific cause which affect a large percentage of people.

**Slip Coefficient** - A measurement of the coefficient of friction as measured on the James Machine, an instrument used to test the static coefficient of friction of a surface. U.L. Considers 0.5 or above the safe limit.

**Slip Resistance** - The "drag" encountered when walking on a floor. The higher the coefficient of friction, the greater will be the slip resistance.

**Soap** - The reaction product of a fatty acid and an alkali - normally used in cleaning applications.

**Solid Content** - the amount of ingredients in a floor finish that do not evaporate or volatilize at 105 degrees C.

**Solids** - The residue or percentage weight of material that is left after the volatile materials have been evaporated. This is not a measure of concentration since some material can be completely driven off with heat, even though they are 100% pure chemical. Expressed as % non-volatile - e.g. 21% non-volatile or 79% volatile.

**Solvents** - (organic) Have a specific place in products where grease removal and cleaning without leaving a residue is important: window cleaners and products for removing finger marks on walls.

**Solvency** - Is the technique whereby the cleaner literally dissolves the particle and takes into its own system, equally distributed throughout the solvent.

**Specific Gravity** - The weight of a material compared to the weight of an equal volume of water is an expression of the density (or heaviness) of a material. Insoluble materials with specific gravity of 1.0 or greater will sink.

**Spray Buff** - An intermediate floor care procedure which cleans, removes black marks and shines the wear areas of a floor. Utilizes a sprayed solution, a floor machine and a synthetic pad.

**Staphylococcus Aereus** - (staf-il-o-kock'-us oar'-ee-us) Considered the major cause of hospital infections. Develops resistance to antibiotics. Cases boils, carbuncles, blood poisoning and most food poisoning.

**Sterilization** - The process employed to destroy every form of germ life, including that of bacterial spores. Few chemicals, if any used in practical disinfection, are actually sterilizing agents. Sterilization is effective usually by means of superheated steam (in autoclave) although it can be achieved also by a combination of heat and chemical action.

**Streptococcus** - (STREP) Common disease organism that microscopically appear as GRAM + (positive) chains.

**Stripper** - Specially formulated detergent which breaks the bond of floor wax and finish.

**Substrate** - The surface to which the coating is applied.

# Glossary

**Surface Activity** - The term describes the most fundamental property of detergent, for once the chemical has wetted out and penetrated the soil, surface active qualities form a chemical bond between the surface of each dirt particle and the water surrounding it. With this action completed, the soil can then be easily wiped or rinsed away.

**Surface Tension** - Surface molecules form an encasing film on the liquid which is relatively tough (i.e. surface tension holds a drop of water "doesn't seek its own level"). - The surface tension of a liquid may be changed by dissolving substances in the liquid.

**Surfactants** - Are classified by their ionic (electrical) charge. Anionic surfactants have a negative charge. Anionic surfactants are effective in removing particulate (dirt, dust, etc.) and oily soils. Soap is the original anionic surfactant. Cationic surfactants have a positive charge. In hard surface cleaners, they can be used as effective antimicrobial agents. Nonionic surfactants do not have an electric charge. Because of this, they tend to be less seriously affected by water hardness. In general, they are low foaming and are especially useful in products which are designed to require little rinsing.

**Suspension** - The process of a cleaning agent holding insoluble dirt particles in the cleaning solution and keeping them from redepositing on a clean floor.

**Sustainable** - A term made popular by the United Nations' World Commission on Environment and Development (the Brundtland Commission). The Commission defined sustainable development as "development which meets the needs of the present without compromising the ability of the future generations to meet their own needs".

**Synergistic** - Is the ability of two or more ingredients to cause an action which is greater than the sum total of the individual ingredients.

## T

**Tackiness** - A sticky or adhesive condition that is a property of applied floor finishes when not completely dried.

**Tack Rag** - A cloth, dampened in a solution, that is used to remove surface particles (lint, dust, floor pad abrasive) prior to refinishing a surface.

**Temperature** - Generally speaking, the temperature of a solution is very important to the cleaning process. A rule of thumb is that the cleaning efficiency is doubled for every 20 degrees F. rise in temperature. Thus a high temperature cleaner will normally be twice as effective at 160 degrees as it will be at 140 degrees and so on.

**Terrazzo** - A non-resilient floor material composed of marble and Portland cement.

**Thinner** - A liquid used to reduce the viscosity of a coating and that will evaporate before or during the cure of a film.

**Thermoplastic** - A polymer which softens when exposed to heat and returns to its original condition when cooled to room temperature. The polymers resins and waxes used in floor polishes are thermoplastic.

**Threshold Limited Values (TLV)** - The air concentrations of chemical substances to which it is believed workers may be daily exposed without adverse effects.

**Toxic** - Harmful to health. The word is poorly defined. Almost any substance can be toxic if ingested in sufficient quantity. A toxin (of poison), is defined as being a chemical which has an LD50 of 50 milligrams (mg.) or less of chemical per kilogram (kg) of body weight.

(50 mg/kg is equal to a dosage of approximately 3/4 of a teaspoon for the average adult and 1/8 of a teaspoon for the average two-year-old child). Acute toxic effects are health effects experienced soon after exposure (i.e. within hours or days). Chronic toxic effects - not nearly so exact a science as the study of acute effects - are health effects which are experienced after a relatively long period of exposure (i.e. months or years).

HHRA (Human Health Risk Assessment) synthesizes all existing knowledge about a product and then assesses its impact upon a particular resource by comparing it to typical risks in everyday life. Aquatic toxicity - looking at the impact in scientific terms by considering the LC50 value for aquatic life.

LC50 - expresses the toxicity of chemicals to fish or other aquatic organisms. In aquatic studies, LC refers to the lethal concentration of a chemical which has been dissolved in water. What it measures is the impact that chemicals have on fish, on algae growth, and on "bottom of the food chain" species such as daphnia.

**Traffic Lane** - High traffic areas that show worn or soiled "lanes".

**Tri-sodium Phosphate (TSP)** - A highly alkaline water softener sometimes used as a cleaning agent.

**Tuberculosis** - An infectious disease, primarily an infection of the lungs but any organ system is susceptible so its manifestations may be varied. It is slightly on the rise in the U.S. because of HIV infections. TB is transmitted by airborne droplet nuclei produced when an individual with active disease coughs, speaks or sneezes. It is estimated that inhaling 10,000 cubic feet of air from someone with TB would result in only a 50% chance of becoming infected.

**TWA** - Time Weighted Average exposure is the airborne concentration of a material to which a person is daily exposed, average over the total exposure time. Exposure for more than 8 hours per day or more than 40 hours per week, even at or below the TLV or PEL, may represent a health hazard.

## U

**U.I.** - Underwriters Laboratories. An organization that tests manufactured products for safety.

**U.S.D.A** - United States Department of Agriculture, which approves meat and poultry plant cleaners.

**Use-Dilution** - The final concentration at which a product is used.

## V

**Vinyl Asbestos Tile (VAT)** - Resembles asphalt tile so closely, it is difficult to distinguish between the two. Vinyl type resins are used as the binder instead of asphalt resins, contain asbestos, pigments and inert fibers; usually the colours are brighter than asphalt.

**Virus** - A group of filterable infectious agents that require the presence of living cells in order to multiply.

**Viscosity** - The thickness of a liquid which determines pourability. The resistance to flow is measured in relationship to water in centipoise (cp). Water has a viscosity of 1 cp.

**Vitreous China** - Ceramic, non-porous material used in toilets and urinals.

**Volatile** - The part of a product that evaporates during drying.

**Volatile Organic Compounds** - (VOCs) are the solvent portions of products which flash off into the air. They are used in cleaning

# Glossary

agents, as a leveling agent, as a gloss enhancer, as fast or slow drying agents, as carrying agents and in products that are designed to promote better solubility. VOCs are directly responsible for outdoor air quality when they combine with nitrogen oxide (the bi-product of the fuel that automobiles burn. The two products combine to produce ground level ozone or smog. VOC standards are measured in grams of VOCs per liter of finished product.

W

**Waterborne Coatings** - A coating containing more than 5 weight percent water in its volatile fraction.

**Water Hardness** - A measure of the amount of metallic salts found in water. Hard water can inhibit the action of some surfactants and reduce the effectiveness of the cleaning process.

**Water Resistance** - The ability of a floor finish to be unaffected by water spilled on it.

**Water Spotting** - Change in appearance of a surface finish resulting from spot wetting by water.

**Wetting Agent** - A chemical which reduces surface tension of water, allowing it to spread more freely.

# Notes:

# WHMIS Data

## MATERIAL SAFETY DATA SHEET/WHMIS GLOSSARY

**Aquatic Toxicity** - LC50 - expresses the toxicity of chemicals to fish or other aquatic organisms. In these aquatic studies, LC refers to lethal concentration of a chemical dissolved in water. LC means lethal concentration and its units are milligrams of a chemical per cubic liter of water. Basically what we are measuring is the impact that chemicals have on fish and bottom of the food chain species like daphnia and the impact on algae growth.

**Acute Toxicity** is categorized under WHMIS as:

Oral - Very Toxic Below 50mg/kg; Toxic 50-500 mg/kg; Essentially non toxic above 500 mg/kg  
 Skin - Very Toxic below 200 mg/kg; Toxic 200-1000 mg/kg; Essentially non-toxic above 1000 mg/kg.

A LC50 is used to describe acute inhalation toxicity. It is also used to measure toxicity of chemicals to fish or other aquatic organisms.

**ACGIH** - American Conference of Government Industrial hygienists.

**Acute Effects** - Health effects experienced soon after exposure to material or chemical.

**Appearance** - This is a description of the physical state of a material. If the description is different than the actual material, there could be something wrong with the product or the MSDS.

**Auto-Ignition Temperature** - This is the lowest temperature a material will start to burn without a flame or spark being present.

**Biohazardous** - Any material containing bacteria or viruses (germs) that can cause disease in humans.

**Boiling Point** - The temperature when material changes from a liquid to a vapor under normal conditions of pressure.

**Ceiling** - This is the airborne concentration of a chemical that should not be exceeded during any part of the working exposure.

**Canutec** - Canadian Transport Emergency Centre.

This 24 hour emergency service provides information in case of accidents or emergencies which may occur during the transport of dangerous goods.

**Carcinogenic Effects** - This indicates if a chemical can cause cancer. Two organizations collect and report data on chemicals that are suspected and/or known carcinogens.

**IARC** - International Agency In research on Cancer.

**NTP** - National Toxicology Program.

**CAS** - (Chemical Abstract Service Number) - This is a unique identification number assigned to each ingredient. This number is the same in both the U.S.A. and Canada.

**Chemical Family** - Name given to groups of chemicals that have similar structures. They often share similar chemical, physical and toxicological properties.

**Chemical Formula** - The chemical formula gives information on the number and kinds of atoms in one unit (one molecule) of a pure substance.

**Chronic Effects** - After a relatively long period of exposure (usually months or years) there may be health effects.

**Clean Water Act (CWA)** - Regulates the discharge of non-toxic and toxic pollutants into waterways by municipal, industrial and other point sources and by non-point sources of pollution. Types of pollution include toxic substances, organic wastes, sediment washed from agricultural or construction operations, acid, bacteria and viruses, nutrients, heat and oil and grease. The act gives authority to the federal government and covers all surface waters in the United States.

Major provisions of the act that deal with chemicals are the following:

**Section 303:** Water quality criteria and standards.

**Section 301:** 304 & 307: Effluent limitation and guidelines.

**Section 311:** Control of discharges of oil and hazardous substances.

**Coefficient of Water/Oil Distribution** - This number compares the amount of material that can be dissolved in oil with the amount that can be dissolved in water. This information is used when selecting the right kind of personal protective equipment.

**Combustible** - Materials which burn are called combustibles. A combustible liquid has a flash point greater than 37.8 C (100° F) but less than 93.3 C (200° F). A flammable liquid has a flash point below 37.8 C (100° F). Since flammable liquids have flash points close to or below room temperature (16 to 25° C) they are considered more hazardous than combustible liquids.

**Compressed Gas** - This substance is a gas at room temperature but is transported and used under pressure in cylinders.

**Controlled Product** - Any material, products or substances imported or sold in Canada and classed as one or more of the following: compressed gas, flammable and combustible material, oxidizing material, poisonous and infectious material, corrosive material or dangerously reactive material, under the Controlled Products Regulations.

**Corrosive** - A substance which will etch, eat away, burn or destroy some materials including human tissue.

**Density** - This is the measure of the heaviness of a material. Water equals 1 gram per milliliter.

**Engineering Controls** - These are controls in the work environment that helps minimize the levels of airborne chemicals.

**Evaporation Rate** - The evaporation rate of a material is given in reference to a standard chemical, usually butyle acetate, which evaporates rather quickly.

**Explosion Power** - This measures the amount of energy released for each kilogram substance that is exploded.

**Exposure Limits** - The most common exposure limits are TLV's (threshold limit values). TLV's are for airborne concentrations of material and suggest conditions which it is believed nearly all workers may be repeatedly exposed day after day without any harmful effects. However, because there is a large variation in the way people react to chemical exposures, this is only a guideline. There are three main types of TLVs. They are (Time-Weighted Averages), (Short-term Exposure Limits) and Ceilings.

**Extinction** - This suggests types of fire extinguishers that can be used to fight fires or an explosion of material.

**Fibres/cc** - The number of fibres that can be filtered from one cubic centimeter of air.

**First Aid** - This section suggests which first aid treatment should be given should there be an accident or overexposure to the material.

**Flammable** - Flammable material will burn when heated or contacts a source of ignition. A flammable material has a flash point below 37.8 C (100° F).

**Flashback** - When a flame travels back along a vapor trail after being ignited by a spark or ignition source, it is called Flashback.

**Flash Point** - This is the lowest temperature at which a flammable or combustible liquid will emit enough vapor to burn when it comes in contact with an open flame or spark.

# WHMIS Data

## MATERIAL SAFETY DATA SHEET/WHMIS GLOSSARY

**Freezing Point** - This is the temperature at which a material changes from a liquid to a solid under normal conditions of pressure.

**Hazardous Combustion Products** - If a material emits a hazardous product while being burned, the products will be listed in this section of the MSDS.

**Hazardous Decomposition Products** - When chemicals burn, react with oxygen in the air or react with other workplace chemicals, they undergo various changes and may decompose to produce hazardous products.

**Hazardous Polymerization** - A reaction which can be extremely dangerous possibly causing fire or explosion.

**IARC** - International Agency for Research on Cancer. They publish a list of chemicals which may cause cancer in humans or animals.

**Incompatibility** - Some chemicals may react violently when mixed together or may give off toxic vapors.

**Ingredients disclosure:** - This is a list of 1736 chemicals that must be disclosed on a MSDS sheet if there is a minimum of 1% of that ingredient in the formula. Included in this list are a large number of ingredients that must be disclosed at levels even lower than 1%. These latter ingredients are potentially more dangerous to health and safety of the worker.

**Irritancy** - If the product or any ingredients cause possible irritation to the nose, eyes, throat or skin, it will be stated in this section of the MSDS.

**LC50 of a Material** - This number is a way of measuring the acute poisoning strength of a chemical when it is breathed in from the air. LC stands for Lethal concentration. LC50 is the amount of a material in air which causes death in 50% (one half) of a group of test animals when given over a period of 4 hours or other specified time.

**LD50 of a Material** - This number is used when measuring the acute poisoning strength of a chemical when it is swallowed or rubbed on the skin. LD stands for lethal dose. LD50 is the dose of a material given on a single occasion which causes death in 5%- (one half) of a group of test animals.

**Leak and Spill Procedures** - Clean up procedures are detailed in this section in case of a leak or spill.

**Lower Explosive Limit (LEL or LFL)** - If a gas or vapor has a concentration in air which falls between the lower and upper explosive limits, there is a risk of fire or explosion in the presence of an ignition source. The LEL is the lowest concentration of vapor in air that can burn or explode when it contacts an ignition source.

**Mg/m<sup>3</sup>** - The weight in milligrams of a material that can be filtered from one cubic metre of air is given as mg/m<sup>3</sup>. The units are used for exposure limits.

**Molecular Weight** - This is the combined weight of all the atoms that make up one unit (called a molecule) of a pure chemical.

**Mutagenic Effects** - Some chemicals can cause damage to genetic material. This damage may be one of the steps in causing cancer or birth defects. Mutagenic data is usually derived from studies on cells of bacteria and generally do not tell us very much about the chemicals ability to cause cancer or birth defects in humans.

**Not Applicable** - This means there is no information available on this topic. Often, this is because the material has not been studied for the information requested on the data sheet.

**Odor** - This is the way of describing the physical characteristics of a material.

**Odor Threshold** - The lowest concentration of the material in air which can be smelled by the human nose.

**OSHA** - Occupational Safety and Health Administration.

**Oxidizing Material** - An oxidizing material can cause some other materials to burn by reacting with them to produce heat and oxygen.

**Parts Per Million (ppm)** - The number of parts of a chemical found in every million parts of workplace air.

**PEL** - Permissible Exposure Limited (identical as TLV) they measure the amount of airborne concentrations that more workers may be exposed to in every day work situations without harmful effects.

**Percent Volatile (by volume)** - This is a rating scale describing the ability of a material to evaporate.

**Personal Protective Equipment (PPE)** - This suggests the type of protective clothing and equipment needed to work safely with the material.

**pH** - A simple chemical scale which expresses the degree of acidity or alkalinity of a solution. The pH scale runs from 0 to 14. Number 7 is neutral.

**Physical State** - This indicates if the material is a solid, liquid or gas at room temperature.

**P.I.N.** - A four digit Product Identification Number is used to identify chemicals transported within Canada. The number is assigned by Transport Canada.

**Reactivity** - This indicates if the material is likely to become reactive by itself, in contact with other chemicals or when subject to changes in pressure or temperature. A reactive material may explode, burn, or give off toxic vapors under certain conditions.

**Reproductive Effect** - This section of the MSDS indicates if the material can reduce fertility in females and males by producing toxic effects on the reproductive organs.

**Resource Conservation and Recovery Act** - Was passed by Congress in 1976 to deal with the control of all varieties of solid waste disposal, including the disposal of wastes that EPA lists as hazardous. RCRA defines hazardous waste, among other things as solid waste that may pose a substantial present or potential hazard to human health and the environment when improperly treated, stored, transported, disposed or otherwise managed.

**Routes of Entry** - The routes by which a chemical can enter the body causing a health effect are: inhalation (breathing in), ingestion (swallowing), and by cutaneous absorption (skin absorption). The eye may also be a minor route of exposure but breathing in and skin absorption are the major routes.

**Sensitive of Impact** - If the risk of explosion is possible due to friction of physical shock such as the material being dropped or hit, it will be listed in this section of the MSDS.

**Sensitivity to Static Discharge** - A few materials may explode if they come in contact with a spark generated by static electricity.

**Sensitization** - It is possible to develop allergy-like reactions to some chemicals. A person can become increasingly sensitive to a material after each exposure. Eventually exposure to only small amounts of the material may be needed to set off an allergic type reaction of the skin or respiratory tract.

# **WHMIS Data**

## **MATERIAL SAFETY DATA SHEET/WHMIS GLOSSARY**

**Solubility in Water -** “Insoluble” and “slightly soluble” are the common terms used to describe the solubility of material in water.

**Solvent** - A liquid which is capable of dissolving other chemicals.

**Special Shipping Information** - This will give the requirements under the Transportation of Dangerous Goods regulations, or any other special instructions required for shipping the material.

**Specific Gravity** - The weight of a material compared to the weight of an equal volume of water is an expression of the density (or heaviness) of a material. Insoluble materials with specific gravity of 1.0 or greater will sink. Specific gravity helps us predict how a chemical will react if it spills or leaks. If a chemical catches fire but its specific gravity shows that it floats on water then water cannot usually be used to extinguish the blaze, it more likely would cause the fire to spread.

**Stability** - A material is unstable if it changes form under normal conditions of storage and use. If certain conditions make a material unstable, these are indicated on the MSDS.

**Storage Requirements** - This section indicates safe storage for the material.

**Synergistic Materials** - Synergism is the ability of two or more chemicals when combined to have greater effect than the sum total of the individual ingredients.

**Synonyms** - These are alternative name by which the material is known.

**TDG Flammability Classification** - This relates to the Transportation of Dangerous Goods regulations. It assists firefighters and emergency response personnel in the event of an accident or spill.

**TLV** - (identical to PEL) they measure the amount of airborne concentrations that most workers may be exposed to in every day work situations without harmful effects.

**Teratogenic Effects** - Some chemicals may cause damage to a developing fetus. Information for this section is taken exclusively from animal studies, not humans.

**Toxicological Properties** - Toxic means poisonous. This section describes possible health effects caused by exposure to too much of a chemical.

**UN** - United Nations identification number. This is a unique number for each ingredient.

**Upper Explosive Limited** - (UEL or UFL) - If a gas or vapor has a concentration in air which falls between the lower and upper explosive limits, there is a risk of fire or explosion. The UEL is the maximum concentration of vapors in the air that can form a flammable or explosive mixture if they contact an ignition source.

**Vapor Density** - This indicates how many items the vapor from the boiling material is heavier or lighter than air. The vapor density of air is 1. If a material has a vapor density of more than 1 at its boiling point, then the vapors it produces will tend to sink and collect on the floor. This may cause flammability or explosion hazards if the vapors are flammable and can come in contact with an ignition source by spreading across the floor.

**Vapor Pressure** - This is the pressure created by the vapors of a substance when it evaporates. Vapor pressure is marked in millimeters of mercury (mm of Hg) at 20° C and normal atmospheric pressure, (760 mm of Hg). A material with a high vapor pressure will tend to evaporate more readily than one with a low vapor pressure.

**Waste Disposal** - This section describes suggested waste handling requirements and will often suggest reader follow local,

provincial and federal government authorities guidelines.

## **WHMIS - (Workplace Hazardous Material Information System)**

- Classifies a material as very toxic when it has an LC50 less than 1500 ppm for a vapor and less than 2500 ppm for a gas and less than 0.5 mg/L for a dust.

# Notes:

# Index:

## A

Absorbents.....	96
Acid Bowl Cleaner.....	16
Acid Sprayer Gun.....	92-93
Acrylic Bowl Swabs.....	38
Adhesives, Remover.....	23
Advance Equipment .....	49-52
Aerosol Dispensers.....	29
Aerosol Glass Cleaner.....	20
Aggregate Ash & Trash Receptacles.....	63,67
Air Freshener Cabinets.....	28-29
Air Freshener Cartridges.....	28-29
Air Fresheners, Aerosol.....	29-30
Air Freshening Systems.....	28-30
Air Mover.....	48
Air Sanitizers.....	30
Ajax.....	16
All Purpose Cleaner.....	20-27
All Purpose Platform Truck.....	76
All Purpose Plungers.....	38
All Purpose Scrub Brush.....	38-39
Aluminum Foil.....	89
Aluminum Polish.....	21
Amenity Drawer, Lodging Cart.....	75
Angle Broom.....	37
Antibacterial Hand Cleanser.....	13-15
Aisle Tape.....	87
Applicators, Floor Finish.....	41
Aprons.....	87
Ash & Trash Containers.....	60,63,67
Ash Receptacles.....	67
Ash Top Receptacles.....	63
Ashtray Sand.....	67
Ashtrays.....	67
AutoClean, TC.....	18,28
AutoFlush.....	18
Avalanche.....	97
AX 500 Floor Soap.....	32

## B

Baby Change Table.....	19
Baby Change Table Liner.....	19
Backpack Vacuum.....	49,53
Bacterial/Enzyme Products.....	28
Bags, Garbage.....	65

Bag, Janitor.....	75
Bag-In-Box Soap Dispenser.....	13
Bags, Carts & Trucks.....	75-77
Bags, Sanitary Napkin.....	11
Bandaids.....	80
Bannister Brush.....	38
Barrel Faucets.....	93
Barricade Safety Signs.....	86
Barrier Chains, Wet Floor.....	86
Barrier Cream.....	85
Baseboard Cleaning Pads.....	34
Baseboard Stripper.....	34
Basin Tub And Tile Cleaner.....	16
Baskets, Waste.....	60-64
Bathroom Cleansers.....	16
Bathroom Tissue.....	10
Bathroom Tissue, 1 Ply.....	10
Bathroom Tissue, 2 Ply.....	10
Bellman's Carts.....	75
Big Boss Scouring Pads.....	91
Bins, Bussing Cart.....	75
Bins, Garbage.....	60-64
Bins, Salt.....	97
Black Garbage Bags.....	65
Blocks, Urinal/Bowl/Wall.....	28
Blower Fan.....	48
Blue Boxes.....	66
Blue Heat.....	97
Blue Nitrile Gloves.....	82-83
Boot Covers.....	81
Boots, Rubber.....	87
Bottles & Sprayers.....	92
Bounce Fabric Softener.....	47
Bowl Blocks.....	28
Bowl Brushes.....	38
Bowl Caddies.....	38
Bowl Cleaners.....	16
Bowl Mops.....	38
Bowl Rim Hangers.....	28
Brace, Push Broom.....	35
Broom Braces.....	35
Brooms/Brushes & Mops.....	35-45
Broom Handles.....	35
Brooms.....	35-37
Brush Mop Squeegees.....	39
Brushes, Utility.....	38-39
Bubble Wrap.....	73

# Index:

Bucket, Window.....	58	Chemical Containment.....	96
Buckets, Utility.....	40	Chemical Management System.....	26-27
Buckets, Wringers.....	40	Chemical Pumps.....	92-93
Buffer/Scrubber, Floor.....	51-52,55	Chemical Resistant Gloves.....	82-83
Bug Killer.....	98	Chemical Resistant Sprayer.....	92
Burnishers, Floor.....	51	Chemical Splash Goggles.....	78,81
Butt Receptacles.....	67	Chemicals, Green.....	24-25
<b>C</b>			
Cabinets, Air Freshener.....	28-29	Chewing Gum Remover.....	31
Caddy, Bowl Cleaner & Brush.....	38	Child Protection Seat.....	19
Can/Bottle Recycling Containers.....	60, 66	Chix Wipers & Sponges.....	91
Candle Wax Remover.....	31	Chrome Roll Dispensers.....	9
Canister Vacuums.....	49, 53	Chrome Toilet Tissue Dispensers.....	9
Canners Gloves.....	83	Cigarette Urns.....	67
Cans, Garbage/Waste.....	60-64	Citrus Tech.....	20
Car Wash Brush.....	38	Clamp Broom Brace.....	35
Car Wash Soap.....	23	Clean By Peroxy .....	27
Carpet Blower.....	48	Clean Machine Sponge Mops.....	42
Carpet Care, Aerosols.....	31	Cleaners, Antibacterial.....	22
Carpet Care, Liquids.....	31	Cleaners, Bathroom.....	16, 24-25
Carpet Deodorants.....	30	Cleaners, Bowl.....	16
Carpet Extractors.....	48, 50, 54	Cleaners, Carpet.....	31
Carpet Machines.....	48-50, 53-54	Cleaners, Cloths.....	91, 104-105
Carpet Shampoo.....	31	Cleaners, Degreasers.....	20, 25
Carpet Spotting Machines.....	54	Cleaners, Floor.....	20, 32
Carpet Stain Remover.....	31	Cleaners, Furniture.....	21
Cart Bags.....	75	Cleaners, Glass.....	20
Carts & Trucks.....	75-77	Cleaners, Hand.....	12-15
Carts, Bussing.....	75	Cleaners, Metal.....	21
Carts, Housekeeping.....	75	Cleaners, Multi Purpose.....	20, 24-27
Carts, Janitor.....	75	Cleaners, Vacuum.....	48-49, 53
Carts, Lodging.....	75	Cleaning Equipment .....	48-59
Carts, Maids'.....	75	Cleaning Guns & Sprayers.....	92-93
Carts, Tilt.....	77	Cleaning Pads.....	57,91
Cascade Dish Detergent.....	46	Cleaning Trolleys.....	75,76
Case Cutter.....	74	Cleaning, Griddle.....	91
Caution Tape.....	87	Clear Garbage Bags.....	65
Caution Wet Floor Signs.....	86	Clear Packing Tape.....	72
Cellulose Sponges.....	91	Clearvu Soap Dispensers.....	12
Center Pull Dispensers.....	6	Clips, Squeegee.....	58
Center Pull Towels.....	7	Closed For Cleaning Sign.....	86
C-Fold/Multi-Fold Dispensers.....	6	Cloth Wipers.....	104-105
Chair & Hand Truck Combo.....	76	Cloths, Cleaning.....	91, 104-105
Channels, Squeegee.....	58	Cocktail Napkins.....	90
Chemical & Waste Containers.....	60-64	Coffee Filters.....	90
		Collector Trucks.....	75, 77
		Combos, Bucket & Wringer.....	40
		Commercial Vacuums.....	48-49, 53

# Index:

Cone Bowl Mops.....	38	Dilution Control Systems.....	26-27
Cone Cups.....	88	Dinner Napkins.....	90
Cones, Safety.....	86	Dish Soap, Liquid.....	46
Container Dolly.....	64	Dish Soap, Powder.....	46
Container Lids.....	60-61, 64	Disinfectant, Aerosols.....	22
Convertible Linen Truck.....	75	Disinfectant, Liquids.....	22
Corded Ear Plugs.....	80	Disinfectant, Wipes.....	22
Corn Brooms & Whisks.....	36	Dispensers, Air Freshening.....	28-29
Corrosive Resistant Sprayers.....	92	Dispensers, Paper Towel.....	4, 6
Cotton Dust Mops.....	43	Dispensers, Pallet Wrap.....	74
Cotton Knit Wrist Gloves.....	84	Dispensers, Sanitary Napkin.....	11
Cotton Mop Heads.....	41	Dispensers, Soap.....	12-15
Cotton String Knit Gloves.....	84	Dispensers, Toilet Seat Cover.....	9
Cotton String Knit Gloves w/Dots.....	84	Dispensers, Toilet Tissue.....	5, 9
Cotton T-Shirt Rags.....	105	Dispensing Pump, Sprayers & Taps .....	93
Cotton Yacht Mops.....	42	Disposable Dust Mops.....	43
Counter Mount Soap Dispenser.....	12, 14	Disposable Floor Mats.....	68-71
Counter Top Brushes.....	38	Disposable Gloves.....	82
Covers, Toilet Seat.....	11	Disposable Toilet Seat Covers.....	11
Cube Box Facial Tissue.....	8	Disposable Wipers.....	104-105
Cube Trucks.....	77	DisposalNapkinBins.....	11
Cube Trucks, Recycling.....	77	Divided Pails.....	40
Cups, Cone.....	88	Doilies.....	90
Cups, Plastic.....	88	Dome Top Lids.....	64
Cups, Styrofoam.....	88	Doodlebug Holder.....	34
Cups, Wax.....	88	Drain Cleaner.....	21
Curbssider Collector.....	66	Drain Openers.....	21
Cutlery, Plastic.....	89	Drain Plunger.....	38
 D			
Deck Mops.....	42	Drum Adapter.....	93
Deck Scrub Brushes.....	38	Drum Dolly.....	93
Degreasers.....	20	Drum Faucets.....	93
De-Icers.....	97	Drum Spigots.....	93
Deliming Solution.....	16, 46	Drum Truck.....	93
Deodorant Wall Cabinets.....	28	Drum Wrench.....	93
Deodorant, Aerosols.....	22, 29-30	Dry Deodorizers.....	30
Deodorant, Blocks/Pucks.....	28	Dry Vacuums.....	48-49, 53
Deodorant, Liquids.....	30	Dryers, Hand.....	17
Deodorant, Wick.....	30	Dual Action Scrub Brush.....	38
Deodorizers.....	28-30	Dual Motor Vacuums.....	49
Deodorizing, Urinal Screens.....	28	Dual Speed Floor Machines.....	51, 55
Detergent, Powder.....	47	Duct Tape.....	72
Dettol Antiseptic.....	80	Duralon Bowl Mops.....	38
Digester, Odour.....	28	Dust Cloths.....	44, 104-105
Dilution Chart.....	108	Dust Masks.....	81
		Dust Mop Frames & Handles.....	43
		Dust Mops.....	43
		Dust Pans.....	37

# Index:

Dusters.....	59	Flat Mop Frame & Handle.....	44,45
E		Flat Mop Refills.....	43
Ear Plugs.....	80	Fleece Rags.....	105
Ear Muffs.....	80	Flexible Dusters.....	59
Economy Pails.....	40	Flock Lined Gloves.....	83
Economy Sponge Mop.....	42	Flood Lights.....	101
Elastic Bands.....	74	Floor Burnishers.....	51
Electric Hand Dryers.....	17	Floor Care .....	31-34
Entrance Mats.....	68-71	Floor Dryer.....	48
Envelopes, Packing Slip.....	74	Floor Dust Mops.....	43
Enzymes.....	28	Floor Finish.....	25, 33
Estesol.....	15	Floor Finish Applicators.....	41
Estesol Select.....	15	Floor Finish Mops.....	41
Exam Gloves.....	82	Floor Machines & Accessories.....	51-52, 55
Extended Core Pallet Wrap.....	73	Floor Mats.....	68-71
Extended Dusters.....	59	Floor Pads.....	56-57
Extension Ladders.....	94	Floor Scrapers.....	58
Extension Poles.....	58	Floor Signs.....	86
Extractors, Carpet.....	48, 50, 54	Floor Squeegee Handles.....	35
Eyewash Solution.....	87	Floor Squeegees.....	39
Eyewash Station.....	87	Floor Strippers.....	34
E-Z Fill Containers.....	92	Floor Sweeping Compound.....	96
F		Floor Wax.....	33
Fabric Cleaners.....	31	Flourescent Lights.....	102-103
Fabric Softener.....	47	Flying Insect Spray.....	98
Face Masks.....	81	Foam & Sanitizer Guns.....	92-93
Face Shields.....	78	Foam Ear Plugs.....	80
Facial Tissue.....	8	Foam Hand Soap.....	12-14
Fatigue Mat.....	70-71	Foam Plates.....	89
Faucets, E-Z Fill.....	92	Foam Soap Dispenser.....	12-14
Feather Dusters.....	59	Foamer Trigger Sprayers.....	92
Feminine Hygiene Dispensers.....	11	Foamer, Pump-up.....	93
Feminine Hygiene Products.....	11	Foil, Aluminum.....	89
Fiberglass Handles.....	42	Folding Carts.....	76
Filament Tape.....	72	Food Film.....	89
Filter, Coffee.....	90	Food Service Brooms.....	35
Filter, Tea.....	90	Food Service Brushes.....	39
Filtered Vacuums.....	48-49, 53	Food Service Carts.....	75
Finish Mops.....	41	Food Service Disposables .....	88-91
Fire Extinguisher.....	87	Food Service Floor Squeegees.....	39
Fire Resistant Wastebaskets.....	62	Food Service Gloves.....	82
First Aid Kits.....	80	Food Service Wipes & Towels.....	91
Flannel Wipers.....	105	Food Wrap.....	89
		Forks, Plastic.....	89
		Frames, Dust Mop.....	43
		Frames, Flat Mop.....	43
		Fresh Scent Disinfectant.....	22

# Index:

Freezer Cleaner.....	23	Hand Trucks.....	76-77
Funnel Top Receptacles.....	61, 64	Handi-Spreader, Ice Melter.....	97
Furniture Polish & Cleaners.....	21	Handles, Broom.....	35
 <b>G</b>			
Gallon Pumps.....	92	Handles, Dust Mop.....	43
Garage Floor Cleaner.....	23	Handles, Flat Mop.....	45
Garbage Bags.....	65	Handles, Floor Squeegees.....	35
Garbage Cans.....	60-64	Handles, Mop.....	42
Gear Down Pressure Wringers.....	40	Handles, Telescopic.....	58
Germicidal Cleaner.....	22	Handles, Window Squeegee.....	58
Glass Cleaner.....	20, 24	Handles, Wood.....	35
Glasses, Safety.....	78	Hard Hats.....	79
Glossary.....	109-120	Hard Surface Cleaners.....	20, 22, 24-25
Gloves, Chemical Resistant.....	83, 84	Hard Wound Roll Towels.....	8
Gloves, Disposable.....	82	Henry Vacuum.....	53
Goggles, Safety.....	78	Hepa Vacuums.....	48-49, 53
Grab Bars.....	17	High Dusting Tools.....	59
Green Solutions.....	24, 25	High Output Trigger Sprayers.....	92
Graffiti Remover.....	23	High Productivity Floor Pads.....	56-57
Granular Panel Ash Receptacle.....	63	High Speed Floor Burnishers.....	51
Grease & Waste Digester.....	28	Holder, Griddle Screen/Pad.....	91
Green Chemicals.....	24-25	Holders, Pad.....	34, 59
Green Flock Lined Gloves.....	83	Holders, Tool.....	58
Griddle Cleaning System.....	91	Holsters, Window Cleaning.....	58
Grill Bricks & Pads.....	91	Hooded Dust Pan.....	37
Grit & Lotion Soap Dispenser.....	15	Hoses.....	93
Grit Hand Cleaner.....	14-15	Household Kitchen Towels.....	8
Grit Safety Tape.....	87	Housekeeping Carts.....	75
Gum Remover.....	31	Housekeeping Platform Truck.....	75
 <b>H</b>			
Hair Net.....	79	I	
Half Round Wall Huggers.....	61	Ice Melter Spreader.....	97
Hand & Body Soap.....	14	Ice Melter Storage Bins.....	97
Hand & Nail Scrub Brush.....	39	Ice Melters.....	97
Hand Cleaners.....	12-15	Index & Glossary .....	108-133
Hand Cleaning Towels.....	4, 7-8	Indoor Ash & Trash Urns.....	67
Hand Creams.....	85	Indoor/Outdoor Receptacles.....	60-64
Hand Dryers.....	17	Indoor/Outdoor Smoking Stand.....	67
Hand Pads & Sponges.....	91	Industrial Floor Machines.....	51-52, 55
Hand Protectant.....	85	Industrial Hand Trucks.....	76
Hand Sanitizer.....	12-13	Industrial Soap Dispensers.....	12-13, 15
Hand Scouring Pads.....	91	Industrial Sprayers.....	92
Hand Soap.....	13-15	Industrial Strength Ice Melter.....	97

# Index:

Interior Floor Ashtrays.....	67	Liquid Enzymes.....	28
Intuition.....	4	Liquid Laundry Soap.....	47
<b>J</b>			
Janitor Carts & Trolley.....	75	Lobby Brooms.....	36
Janitor Dust Pans.....	37	Lobby Dust Pans.....	37
Janitor Dust Mop Handles.....	43	Lodging Carts.....	75
Jaws Mop Handles.....	42	Loop End Mops.....	41
Jumbo Tissue Dispensers.....	9	Looped End Dust Mops.....	43
Jumbo Toilet Tissue.....	10	Looped End Wet Mops.....	41
<b>K</b>			
KC Wipers.....	104	Lotion Soap.....	13-15
Kimberly Clark Wipers.....	104	LotionSoapDispenser.....	12-13,15
Kitchen Cleaner.....	46	Luncheon Napkins.....	90
Kitchen&Laundry.....	46-47	Lysol.....	22,30
Kitchen Towels.....	8	<b>M</b>	
Kleenex.....	8	Machines, Electrical.....	48-55
Knives, Plastic.....	89	Magnetic, Brooms.....	37
Kraft Sani Bags.....	11	Marble Cleaner.....	32
Kresto.....	15	Marking Tape.....	87
Kresto Quick Wipes.....	15	Masking Tape.....	72
Kwik-Wick Deodorant Bottle.....	30	Material Handling.....	75-77
<b>L</b>			
Ladders.....	94-95	Matting.....	68-71
Lamba Safety Signs.....	86	Mats, Anti-Fatigue.....	70-71
Lambswool Dusters.....	59	Mats, Entrance.....	68-69
Latex Gloves.....	82	Mats, Rubber.....	70-71
Laundry Carts.....	75	Mats, Slush & Fatigue.....	70-71
Laundry Detergent.....	47	Maxi Pads.....	11
Laundry Soap.....	47	Maxi Pad Dispensers.....	11
Leather Holster.....	58	Medical Exam Gloves.....	82
Lens Cleaning Solution.....	79	Melter, Ice & Snow.....	97
Lens Cleaning Station.....	79	Metal Cleaner.....	21
Lens Cleaning Towelettes.....	79	Metal Dust Pans.....	37
Lens Cleaning Wipes.....	79	Metal Mop Handles.....	42
Lever Roll Towel Dispensers.....	6	Metal Paper Towel Dispensers.....	6
Lids, Receptacles.....	60-61, 64	Metal Polish.....	21
Light Bulbs.....	99-103	Metal Strapping.....	74
Lime Remover.....	16, 46	Metal Threaded Handles.....	35
Linen Truck.....	75	Metal Toilet Tissue Dispensers.....	9
Liquid Deodorizer.....	30	Metered Aerosol Air Fresheners.....	29
		Microfiber Cleaning Cloths.....	44
		Microfiber Mitts.....	44
		Microfiber Systems.....	45
		Microfiber Tools.....	44-45
		Mirror & Glass Cleaners.....	20, 24

# Index:

Miscellaneous .....	92-107	Oil Absorbent Socks.....	96
Mobile Waste Receptacles.....	60, 64	Opaline Hand Soap.....	14
Mop Buckets & Wringers.....	40	Orange Cleaner/Degreaser.....	20
Mop Handles.....	42	Orange Flock Lined Gloves.....	83
Mop Heads.....	41	Order Picking Trucks.....	76
Mops, Bowl.....	38	Ostrich Feather Dusters.....	59
Mops, Dust.....	43	Outdoor Ashtrays.....	67
Mops, Sponge.....	42	Outdoor Receptacles.....	62-64
Mops, Wet.....	41	Outdoor Storage Containers.....	97
Mouse Traps.....	98	Oven & Grill Cleaner .....	46
Multi-Fold Towels.....	7		
Multi-Fold Towel Dispenser.....	6	P	
Multilingual Safety Signs.....	86	Packing Slip Envelopes.....	74
Multi-Purpose Cleaners.....	20, 22, 24-25, 32	Packing Tape.....	72
Multi-Roll Toilet Tissue Dispenser.....	5	Pad Holders.....	34
Mus Floor Squeegees.....	39	Pads, Floor.....	56-57
<b>N</b>			
Nacecare Equipment.....	53-55	Pads, Hand.....	34
Nail Brush.....	39	Pads, Scouring.....	34, 91
Napkins.....	90	Pads, Utility.....	34, 91
Napkin Bags.....	11	Pails, Utility.....	40
Napkin Dispensers.....	11	Paint & Graffiti Remover.....	23
Napkin Disposal.....	11	Pallet Wrap.....	73
Napkin, Sanitary.....	11	Pallet Wrap Dispenser.....	74
Neoprene Apron.....	87	Paper Napkins.....	90
Neoprene Gloves.....	83	Paper, Copy.....	107
Neutral Floor Soap .....	32	Paper Products.....	4-5, 7-8, 10
Nilfisk Advance.....	49-52	Paper Toilet Seat Covers.....	11
Nitrile Coated Gloves.....	83	Paper Towel Dispensers.....	4, 6
Nitrile Gloves.....	82-83	Paper Towels.....	4, 7-8
Non-Para Block & Screens.....	28	Paper Wipers.....	104
Non-Para Urinal/Toss Blocks.....	28	Para Blocks.....	28
Non-Slip Vinyl Safety Tape.....	87	Para Urinal Screen.....	28
No-Touch Towel Dispenser.....	4	Parking Lot Accessories.....	67, 106
<b>O</b>			
Odour Absorbing Pellets.....	30	Partitions.....	17
Odour Control.....	28-30	Pearly Pink Hand Soap.....	14
Odour Digester.....	28	Peek.....	21
Odour Guard Dispenser Systems.....	29	Pen & Ink Remover.....	23
Odour-Out Rug & Room Deodorizer.....	30	Pest Control.....	98
Office Supplies.....	107	Pine Sanitizer.....	22
Oil Absorbent.....	96	Pink Lotion Hand Cleansers.....	14
Oil Absorbent Sheets.....	96	Plastic Bottles.....	92
		Plastic Case Cutter.....	74
		Plastic Collector Truck.....	77
		Plastic Cups.....	88
		Plastic Deod. Wall Cabinets.....	28
		Plastic Dome Tops.....	64

# Index:

Plastic Dust Pans.....	37		
Plastic Garbage Bags.....	65	Quick Change Mop Handles.....	42
Plastic Lobby Dust Pans.....	37		
Plastic Mop Buckets.....	40	R	
Plastic Mop Handles.....	42		
Plastic Pails.....	40	Rags.....	104-105
Plastic Paper Towel Dispensers.....	4, 6	Rat Poison.....	98
Plastic Plates.....	89	Receptacle, Sanitary Napkin.....	11
Plastic Pumps.....	92	Receptacles, Ash.....	67
Plastic Rectangular Bucket.....	40	Receptacles, Indoor/Outdoor.....	60-62
Plastic Safety Signs.....	86	Receptacles, Recycling.....	66
Plastic Soap Dispensers.....	12-13	Receptacles, Waste.....	60-64
Plastic Sprayers.....	92	Rectangular Buckets.....	40
Plastic Strapping.....	74	Rectangular Pails.....	40
Plastic Tank Sprayers.....	93	Rectangular Wastebaskets.....	60-61
Plastic Toilet Tissue Dispensers.....	5, 9	Recycling Bags.....	65
Plastic Waste Baskets.....	60	Recycling Containers.....	66
Plastic Wringers.....	40	Refuse Bin, Carts.....	75
Plates, Foam.....	89	Respirator Masks.....	81
Plates, Plastic.....	89	Respirators.....	81
Platform Trucks.....	76	Restroom Cleaners.....	16
Pledge.....	21	Restroom Yacht Mops.....	42
Plugs, Ear.....	80	Retractable Duster.....	59
Plungers.....	38	Rim Cage.....	28
Pole, Closed For Cleaning.....	86	Rock Salt.....	97
Poles, Extension.....	58	Roll Towel Dispensers.....	4, 6
Poles, Telescopic.....	58	Roll Towels.....	4, 8
Polishing Cloths.....	44, 104-105	Roll Towels, 8" Kraft.....	8
Polishing Machines, Floor.....	51, 55	Roll Towels, 8" White.....	8
Polishing Pads, Floor.....	56-57	Roll Towels, Notched.....	8
Polyethylene Gloves.....	82	Rotary Floor Machines.....	51, 55
Polywool Dusters.....	59	Round Wastebaskets.....	61-62, 64
Pot & Kettle Brushes.....	39	Rubber Apron.....	87
Pot & Pan Pads.....	91	Rubber Bands.....	74
Powder Free Gloves.....	82	Rubber Boots.....	87
Pro Loop Finish Flat Mop Refills.....	44	Rubber Gloves.....	83
Proportioner.....	26	Rubber Mats.....	69-71
Purell.....	12, 13	Rubber, Squeegee Channels.....	58
Pucks, Deodorant.....	28	Rug & Room Deodorizer.....	30
Pump-Up Sprayers.....	93	Rug & Upholstery Cleaner.....	31
Pump-Up Foamer/Sprayers.....	93	Rust Remover.....	31
Push Broom Braces.....	35		
Push Brooms.....	35	S	
Push Pneumatic Spreader.....	97		
Pylons, Safety.....	86	S.O.S Storage Bins.....	97
		Safety Cones.....	86
		Safety Glasses.....	78

Q

# Index:

Safety Goggles.....	78	Single Fold Towel Dispensers.....	6
Safety Pole.....	86	Siphon Pumps.....	92
Safety Pylons.....	86	Slim Jim Bin.....	60
Safety Signs.....	86	Slush & Fatigue Mats.....	68-69
Safety Slippers.....	81	Smoke Urns.....	67
Safety Supplies.....	78-87	Snap & Go Mop Handles.....	42
Safety Tape.....	87	Snap-on Frames & Handles.....	43
Safety Track Safety Tape.....	87	Snow & Ice Melter.....	97
Salt & Sand Bins.....	97	Soap Dispensers.....	12-14
Salt Buster.....	32	Soap, Liquid & foam.....	14
Salt Spreader.....	97	Soap, Waterless.....	14
Sand Urns.....	67	Solopol.....	15
Sanitaire Equipment.....	48	Solvent-Free Hand Cleaner.....	15
Sani Disposal Bags.....	11	Solvent Resistant Sprayers.....	92
Sanitary Napkin Receptacles.....	11	SOS Pads.....	91
Sanitary Napkins.....	11	Space Saving Wall Huggers.....	60
Sanitizer, Hand.....	12, 13	Speed Change Mop Handles.....	42
Scented Urinal Screens.....	28	Spigots, Drum.....	93
Scotch Guard.....	31	Spill Absorbent.....	96
Scouring Lotion.....	16	Splash Goggles.....	78
Scouring Pads.....	91	Split Leather Work Gloves.....	84
Scouring Powder.....	16	Sponge Mops.....	42
Scouring Sponges & Pads.....	91	Sponges.....	91
Scrapemaster.....	58	Spoons, Plastic.....	89
Scrapers.....	58	Spot Remover, Carpet.....	31
Screen, Griddle.....	91	Spotter , Laundry .....	47
Screens, Urinal.....	28	Spray Bottles.....	92
Scrim Wipers.....	104	Spray Buff.....	34
Scrub Brush.....	38-39	Sprayer Guns.....	93
Scrub Pads.....	91	Sprayers, Industrial.....	93
Scrubbers, Window.....	58	Sprayers, Pump-up.....	93
Scrubbing Pads.....	57, 91	Sprayers, Tank.....	93
Scrubbing Sponges.....	91	Sprayers, Trigger.....	92
Scrubs-In-A-Bucket, Hand.....	15	Spreaders, Ice Melter.....	97
Service Carts.....	75-76	Square Containers.....	61
Shampoo.....	13-15	Squeegees, Floor.....	39
Shipping, Packaging & Warehouse.....	72-74	Squeegees, Window.....	58
Shop Towels.....	104-105	Squeeze Wringers.....	40
Side Squeeze Combo.....	40	Stadium Hooded Dust Pan.....	37
Sifto Salt.....	97	Stainless Steel Cleaner, 3M Polish.....	21
Silica Sand.....	67	Stainless Steel Cleaner.....	21
Silky Mops.....	41	Stainless Steel Soap Dispensers.....	12
Signs.....	106	Stain Removers, Carpet.....	31
Signs, Road.....	106	Standard Cotton Yacht Mops.....	42
Signs, Safety.....	106	Standard Dust Mops.....	43
Signs, Wet Floor.....	86	Steel Wool Hand Pads.....	91
Single Fold Towels.....	7	Step-On Receptacles.....	60

# Index:

Step Ladders.....	95	T-Bars.....	58
Stir Stix.....	89	TC Auto Clean.....	18, 28
Stokoderm.....	85	TC One Shot Soap System.....	12, 18
Stokolan.....	85	Tea Filters.....	90
Stoko Emulsion.....	85	Technical Concepts.....	18
Stoko Foam Soap.....	13	Telescopic Dusters.....	59
Stoko Gel.....	13	Telescopic Poles.....	58
Stoko Hand Cleaner.....	13, 15	Terry Towel Cloths.....	105
Stoko Lotion.....	85	Textile Stain Removers.....	31, 47
Stoko Soap Dispensers.....	13, 15	Threaded Handles.....	35
Stoko Vitan.....	85	Tile & Grout Brush.....	39
Stone Aggregate Receptacles.....	63	Tilt Trucks.....	77
Stone Cleaner.....	32	Tilt'n Wheel Container.....	66
Storage Containers.....	97	Tissue Dispensers.....	9
Strapping Sealer.....	74	Tissue, Bathroom.....	10
Strapping, Metal & Plastic.....	74	Toilet Bowl Blocks.....	28
Straws.....	89	Toilet Bowl Caddies.....	38
Stretch Wrap.....	73	Toilet Bowl Cleaners.....	16
String Knit Gloves.....	82	Toilet Bowl Mops & Brushes.....	38
Stripping Machines.....	51, 55	Toilet Paper.....	10
Styrofoam Cups.....	88	Toilet Plungers.....	38
Sunlight Dish Detergent.....	46	Toilet Seat Cover Dispenser.....	9
Sunlight Laundry Detergent.....	47	Toilet Seat Covers.....	11
Sunscreen .....	79	Toilet Tissue.....	10
Super Deodorant Wall Cabinet.....	28	Toilet Tissue Dispensers.....	9
Surgical Gloves.....	82	Toothpicks.....	90
Sweeping Brooms.....	35-37	Tork Bath.....	5
Sweeping Compound.....	96	Tork Intuition.....	4
Swing Top Receptacles.....	61	Torkmatic.....	4
Swivel Scrub Brush.....	38	Toss Blocks.....	28
Synthetic Dust Mop.....	43	Towel Dispensers.....	4, 6
Synthetic Mop Heads.....	41	Towels, Paper.....	4, 7-8
 T			
Table Paper.....	90	Towels, Wipers.....	105
Tampico Push Brooms.....	35	Toy Brooms.....	36
Tampon Dispenser.....	11	Trades Carts.....	76
Tampons.....	11	Traffic Cones.....	86
Tank Soap Dispenser.....	12	Trash Bags.....	65
Tank Sprayers.....	93	Trash Cans.....	61-64
Tape Gun.....	74	Travabon.....	85
Tape Remover.....	23	Trigger Sprayers.....	92
Tape, Barricade & Caution.....	87	Trolleys.....	76
Tape, Masking & Packaging.....	72	Trouble Shooter.....	34
Tape, Safety.....	87	Truck, Linen.....	77
Tapered Handles.....	35	Trucks, Collector.....	75, 77
		Trucks, Platform.....	76
		Trucks, Tilt.....	77
		Twin Toilet Tissue Dispenser.....	5, 9

# Index:

Twintec.....	55	Wax & Finish Mops.....	41	
Tyvek Suits.....	81	Wax Applicators.....	41	
<b>U</b>				
Upright Vacuums.....	48	Wax Removers.....	34	
Urinal Blocks/Pucks.....	28	Waxed Liner Bags.....	11	
Urinal Screens.....	28	Wet Floor Signs.....	86	
Urn Receptacles.....	67	Wet Mops.....	41	
Utility Brushes.....	32-33	Wet/Dry Vacuums.....	48,49,53	
Utility Carts.....	75-76	Whisk Brooms.....	36	
Utility Duty Trucks.....	77	WHMIS Bottles.....	92	
Utility Pads & Holders.....	28, 59	WHMIS Data Information.....	118-120	
Utility Pails.....	40	Wick Deodorants.....	30	
Utility Yacht Mops.....	42	Wide Area Vacuum.....	49	
<b>V</b>				
Vacuum Cleaners.....	48,49,53	Windex.....	20	
Vandalism Mark Remover.....	23	Window & Glass Washers.....	20,24	
Vehicle Wash & Wax.....	23	Window Cleaning Accessories.....	58	
Vehicle Wash Brush.....	38	Window Scrapers.....	58	
Vending Machines, Sanitary Napkins.....	11	Window Squeegees.....	58	
Vending Machines, Tampons.....	11	Window Washers.....	58	
Vinegar.....	23	Winger Mop.....	41	
Vinyl, Bags/Carts.....	75	Winter Lined Work Gloves.....	84	
Vinyl Gloves.....	82	Winter Rinse.....	32	
<b>W</b>				
Wall Ashtrays.....	67	Wipers.....	104-105	
Wall Blocks (Para).....	28	Wooden Handles.....	35	
Wall Hugger Receptacles.....	60	Work Gloves.....	84	
Wall Mounted Receptacles.....	60-61	Wrench, Drum.....	93	
Wall Washer Pad.....	59	Wringers, Plastic.....	40	
Warehouse Brooms.....	35-36	<b>X, Y, Z</b>		
Wash Guns.....	93	X,	Y,	Z
Washers, Window & Glass.....	58			
Washroom Grab Bars.....	17			
Washroom Partitions.....	17			
Washroom Products.....	4-19			
WasteControl&Recycling.....	60-67			
Waste Digester.....	28			
Waste Recepticles.....	61-64			
Waste Baskets.....	60			
WaterExtractors, Carpet.....	48,50,54			
Waterless Hand Cleaner.....	14			
<b>Yacht Mops.....</b> 42				

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