



*Simon David*



# SAFEWAY®



## Ultra High Speed Floor Care Procedures



## ***Section I — Floor Care Program***

Wallchart .....	1
Overview of Procedures .....	2
Daily Floor Cleaning Procedures .....	3
Deep Scrubbing & Recoating Procedures .....	4-5
Stripping & Finishing Procedures .....	6-7
Maintenance Procedures for Azrock's Textured Slip Resistant Tile .....	8
Floor Care Troubleshooting Guide .....	9-14
Floor Maintenance Equipment .....	15
Matting Maintenance .....	16-17

## ***Section II — Safety***

Tips for Reducing Slip/Fall Claims .....	18-19
--	-------

## ***Section III — Information Sheets***

Hazard Communication .....	20
Specification Sheets and Material Safety Data Sheets	

***Your Johnson Wax Professional Representative is:***

**Dennis Rose**  
**1-800-535-1765 Ext. 9020**

**For Technical Assistance Call:**  
**1-800-558-2332**





# SECTION I

**Dominick's**  
A SAFEWAY COMPANY

**Randalls**  
A SAFEWAY COMPANY

*Simon David*

**Tom Thumb**

the  
**VONS**  
Companies, Inc.



## Floor Care Program

JohnsonDiversey  
Clean is just the beginning





## UHS Floor Care Procedures

### DAILY CLEANING PROCEDURES

#### SUPPLIES NEEDED\*



UHS FLOOR CLEANER

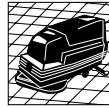


RED PADS

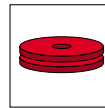
See JWP product order form for JWP ordering information.



1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).



2. Fill autoscrubber with 1/2 spoutful of UHS CLEANER to 4 gallons of cool water or 1 spoutful to 8 gallons of cool water.



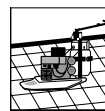
3. Autoscrub entire floor using red pads.



4. Trail mop behind autoscrubber.
  - Make sure to use Clean Mop & Water.



5. Fill mop bucket with UHS CLEANER, 1 spoutful to 2 gallons of cool water.
  - Mop floor areas that are inaccessible to autoscrubber.



6. Inspect burnisher's muffler and filter for proper condition and connections.
  - Burnish floor using proper UHS pad as needed.

\* REFER TO PRODUCT LABEL OR MSDS FOR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

### DEEP SCRUBBING AND RECOATING PROCEDURES

#### SUPPLIES NEEDED\*



UHS FLOOR CLEANER

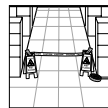


BLUE OR GREEN PADS

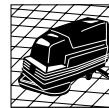


SIGNATURE™ FLOOR FINISH

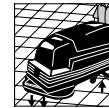
See JWP product order form for JWP ordering information.



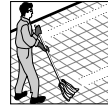
1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).



2. Fill autoscrubber with 1 spoutful of UHS CLEANER to 4 gallons of cool water or 2 spoutfuls to 8 gallons of cool water.



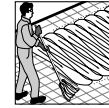
3. Double scrub floors with autoscrubber.



4. Trail mop behind autoscrubber.
  - Make sure to use Clean Mop & Water.



5. Fill mop bucket with UHS CLEANER, 1 spoutful to 2 gallons of cool water.
  - Mop floor areas that are inaccessible to autoscrubber.



6. Fill mop bucket with SIGNATURE™ UHS floor finish.
  - Apply a full to medium coat of the SIGNATURE™ UHS floor finish to high traffic areas.
  - May require additional coats.
  - Recoat monthly or as needed.

\* REFER TO PRODUCT LABEL OR MSDS FOR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT

### STRIPPING AND FINISHING PROCEDURES

#### SUPPLIES NEEDED\*



PRO STRIP™ FLOOR STRIPPER

USE APPROPRIATE PADS AS RECOMMENDED BY TILE MANUFACTURER

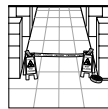


SIGNATURE™ UHS FLOOR FINISH



BRAVO™ 1500+ FLOOR STRIPPER

See JWP product order form for JWP ordering information.



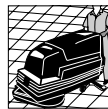
1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).



2. Remove all Displays.
  - Mix 1 gallon of PRO STRIP™ (cool water) or BRAVO™ 1500+ to 4 gallons of hot water.
  - Wear safety gloves, goggles, and protective footwear when mixing PRO STRIP™ or BRAVO™ 1500+.



3. Apply stripper solution generously.
  - Allow 5-10 minutes before scrubbing.
  - DO NOT allow floor stripper to dry.



4. Scrub floor using autoscrubber / swing machine.



5. Use CLEAN mop and water.
  - Rinse floor 2 times.



6. Fill mop bucket with SIGNATURE™ UHS floor finish.
  - Using a CLEAN RAYON mop, apply 3-4 coats of the finish.
  - Second night follow "Daily Maintenance Procedures" and apply additional coats (6-7 coats are required).

IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CALL  
JOHNSONDIVERSEY TECHNICAL RESPONSE TEAM TOLL FREE

**1-800-558-2332**

JohnsonDiversey 

3171711 CH1187 (03/24/1)

## Automatic Scrubbing

- Rope off area and put out wet floor signs.
- Floor must be scrubbed **daily** with correct pads to keep store clean.

### DAILY SCRUBBING:

- 1.) Use **red pads** for daily scrubbing of store.

### \*TWICE PER MONTH: (Main Aisle/High Traffic Areas) (Deep scrub before recoating)

- 2.) Use **blue or green pads** and 2 full spouts of **AccuMix® UHS Floor Cleaner** with 8 gallons of water in auto scrubber.

### \*ONCE PER MONTH: (Side Aisle/Low Traffic Areas) (Deep Scrub before recoating)

- 3.) Use **blue or green pads** and 2 full spouts of **AccuMix® UHS Floor Cleaner** with 8 gallons of water in auto scrubber.

## Burnishing

### **NEVER BURNISH FLOOR WITHOUT AUTOMATIC SCRUBBING FIRST.**

- Burnish floors with approved ultra high-speed buffer pad, and turn pads often to prevent pads from loading up.

## Recoating

- Rope off area and put out wet floor signs
- **Always deep scrub with blue or green pads and burnish prior to recoating with Signature™ Finish. DO NOT WAX WEEKLY.**
- When recoating, use rayon mops that have been thoroughly soaked and rinsed out.
- Always stay 6-8 inches away from edges when recoating.
- **After recoating with Signature Finish, wait at least 24 hours before burnishing.** Signature™ Finish has remarkable dry bright gloss and durability. It will hold up to traffic through one day easily without burnishing.



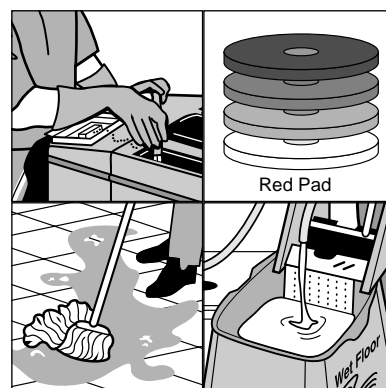
## DAILY SWEEPING AND DUST MOPPING

1. Sweep around check-outs and other hard to reach areas.
2. Shake or vacuum walk-off mats.
3. Dust mop floor and pick up trash (use putty knife or scraper to remove gum and labels from sales floor).
4. Remove all trash and dust mop debris from sales floor.

## DAILY AUTOMATIC SCRUBBING AND MOPPING

(This is the most important step in keeping any finish looking clean and clear.)

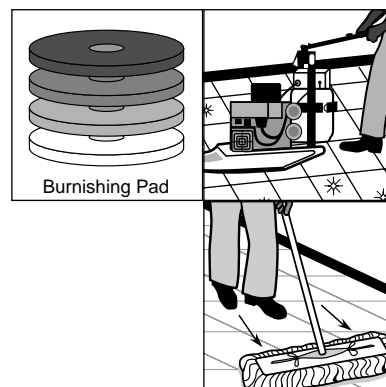
1. Barricade aisle off using appropriate equipment.  
(Example: "Wet Floor" signs and/or "Caution" tape).
2. In auto scrubber solution tank, mix 1 full spout **AccuMix® UHS Floor Cleaner** per 8 gallons of water.
3. Use clean **red pads** on auto scrubber.
4. Trail mop machine turns, edges and low spots in the floor where the auto scrubber squeegee misses with a clean, wrung out rinse cotton mop.
5. Fill mop bucket with cool water and 1 full spout of **AccuMix® UHS Floor Cleaner**. Damp mop around check-outs and other areas not accessible to automatic scrubber.
6. Allow floor to dry and remove equipment used to barricade aisle.



## DAILY BURNISHING

**Do Not Burnish Unless Scrubbed First)**

1. Place approved ultra high-speed pad on the 2,000 RPM buffer.
2. Avoid burnishing over high spots or pipe caps, this may tear pad and/or create powdering.
3. Burnish the store daily.
4. Flip and change pad often. Do not allow pad to load up with dirt.
5. Dust mop entire store after burnishing.
6. Scrape and clean buff pads nightly.



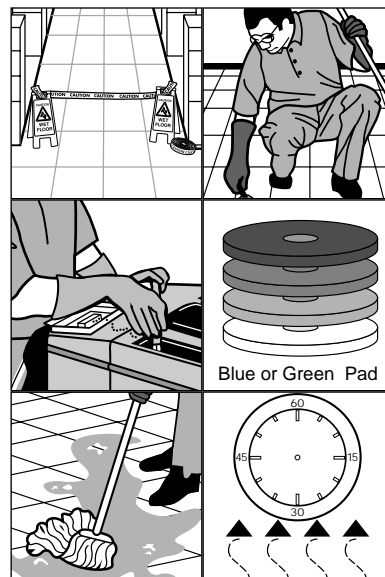


## ***“DEEP SCRUBBING” AND RECOATING (The Best Kept Secret)***

- Always “deep scrub” before recoating with Signature™ Finish.
- The technique of “deep scrubbing” is accomplished by using aggressive **blue or green scrubbing pads**, and **AccuMix® UHS Floor Cleaner** in the auto scrubber solution tank to remove trapped in dirt before recoating with **Signature™ Finish**.
- “Deep scrubbing” will eliminate the “shiny dirty” floor syndrome and dramatically reduce stripping frequency and associated labor and chemical costs.

### **PROCEDURES FOR DEEP SCRUBBING AND RECOATING**

1. Barricade aisle off using appropriate equipment. (Example: “Wet Floor” signs and “Caution” tape).
2. Dust mop floor and pick up trash (use putty knife or scraper to pick up gum and labels).
3. Fill solution tank of auto scrubber with 2 full spouts of **AccuMix® UHS Floor Cleaner** per 8 gallons of water.
4. Place **blue or green scrubbing pads** on scrubber and deep scrub sales floor beginning at front of store. Always scrub the floor with squeegee down, vacuum on, and solution valve 3/4 of the way open. In cases of very dirty floors, two passes may be required.
5. Trail mop behind scrubber with a clean rinse mop to pick up dirty water and **AccuMix® UHS Floor Cleaner** solution left behind by machine. Remove any dark marks made by dolly jacks, or from dragging pallets over the floor by using the center of **blue or green scrubbing pads**.
6. Allow floor to dry and remove equipment used to barricade aisle.



## PROCEDURES FOR DEEP SCRUBBING AND RECOATING (cont'd)

6. Pour **Signature™ Finish** in a clean mop bucket lined with plastic liner. (Soak and thoroughly rinse a clean rayon mop for applying finish.)
7. Dip mop in **Signature™ Finish**, place mop in wringer and tamp lightly. The mop should be full, but not dripping.
8. Allow floor to dry and remove equipment used to barricade aisle.

- \* **Apply two coats of Signature™ Finish to floor using a figure 8 motion. Allow 30-45 minutes drying time between coats.**

**IMPORTANT: STAY AT LEAST 6-8 INCHES AWAY FROM EDGES WHEN RECOATING WITH SIGNATURE™ FINISH.**

**\*\*NOTE: Always scrub floor with squeegee down/vacuum on. Do not leave AccuMix® UHS Cleaner sit on floor between double scrubbing.**



Stripping requires the use of the automatic scrubber with appropriate pads as recommended by tile manufacturer (except in the case of a vinyl asbestos tile floor which requires special handling) and **Pro Strip or Bravo 1500+ Stripper**. Floors should be stripped only when the "deep scrubbing" technique will not repair the floor and there is **no alternative** but to strip a badly damaged and soiled floor.

## STRIPPING

1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).
2. Dust mop floor and pick up trash (use putty knife or scraper to pick up gum and labels).
3. Mix one part **Pro Strip** (cool water)/**Bravo 1500+®** to four parts hot water in mop bucket.
4. Dip mop in **Pro Strip/Bravo 1500+®** solution bucket and apply stripper to floor. Let stripper set 5 to 7 minutes before starting scrubbing action. Do not allow stripper to dry on floor. (If finish appears to be drying, rewet with stripper solution before continuing). Where heavy build-up is present, mop the floor (rewet) with stripper a second time to loosen finish build-up before starting scrubbing action.
5. Use edging tool or scraper to clean edges.
6. USING AN AUTO SCRUBBER WITH APPROPRIATE PADS AS RECOMMENDED BY TILE MANUFACTURER: Make one pass with pads down and squeegee up. Pads should be turned over or changed frequently.

NOTE: A hand-held floor squeegee can be used to pull build-up or stripper from hard to reach areas.

7. Apply clear water with auto scrubber and pick-up dirty solution with squeegee down and vacuum on.
8. Damp mop behind auto scrubber with clean rinse water to pick up dirty stripper residue left behind by machine.
9. Rinse recovery tank, pick up hoses, squeegee, and pad holders of auto scrubber.
10. Allow floor to dry and remove equipment used to barricade aisle.



**FOLLOW ALL SAFETY PROCEDURES AS  
RECOMMENDED PER LABEL DIRECTIONS.**

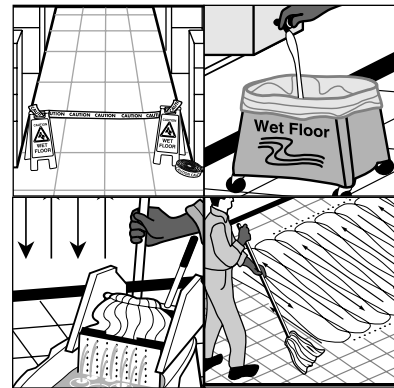


## SEALING

1. **Signature™ Finish** requires no sealer.

## FINISHING

1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).
2. **Pour Signature™ Finish** in a clean mop bucket lined with a plastic liner and prepare a rayon mop for applying finish.
3. Dip mop in **Signature™ Finish**, place mop in wringer and tamp lightly, do not use wringer handle. **The mop should be full, but not dripping.** Apply 3-4 coats of **Signature™ Finish** all the way to the edges (be careful, do not get finish on the kick plates). Allow 30-45 minutes drying time between coats.
4. After the first two coats of **Signature™ Finish** have been applied, (you should apply medium coats) stay 6 to 8 inches away from the kick plates and walls.
5. **Do not apply more than 4 coats of Signature™ Finish in one work shift.**
6. For best results, at least 6 - 7 coats of **Signature™ Finish** should be applied in a 2-day period.  
**Do NOT burnish between coats.**
7. Allow floor to dry and remove equipment used to barricade aisle.



## ***Brand New Floors***

1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).
2. Remove all soil from tile. The factory mill finish is compatible Signature finish. If stripping is required, dilute Bravo 1500+ 1 part Bravo 1500+ to at 4 parts hot water.
3. Scrub floor with **blue or green scrubbing pads**. Avoid using **black scrub pads** on this tile.
4. Rinse thoroughly.
5. Apply a minimum of 3 coats of **Signature Finish** to the tile.
6. Allow floor to dry and remove equipment used to barricade aisle.

**NOTE: ONLY STRIP FLOOR IF TILE HAS BEEN INSTALLED FOR AT LEAST 10 DAYS.**

## ***Daily Maintenance***

1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and/or "Caution" tape).
2. Dust mop tile.
3. Remove gum and labels with scraper.
4. Scrub tile daily with **AccuMix UHS Floor Cleaner**. Use one ounce of AccuMix per eight gallons of cool water in the auto scrubber. Bristle brushes are recommended. If brushes are not available, use red pads.
5. Allow floor to dry and remove equipment used to barricade aisle.

## ***Interim Maintenance / Recoating***

Add additional coats of finish as the finish wears. Refinish this tile as you do other areas of the store. However, do not buff the tile or attempt to obtain the same level of "gloss" as other areas of the store. Keep a minimum of 3 coats of finish on the tile to protect it from wear, stains, etc.

1. Barricade aisle off using appropriate equipment. (Example: "Wet Floor" signs and "Caution" tape).
2. Dust mop tile.
3. Remove gum and labels with scraper.
4. Scrub the floor with blue or green pads and two ounces of **AccuMix UHS Floor Cleaner** per eight gallons of cool water.
4. Rinse thoroughly.
6. Apply one coat of **Signature™** finish.
7. Allow floor to dry and remove equipment used to barricade aisle.



## **PROBLEM: FLOOR FINISH DISCOLORATION (YELLOWING OR BROWNING)**

### **MOST LIKELY CAUSE**

1. Not using automatic scrubber for daily cleaning prior to any buffing (grinding dirt into finish).
2. Poor scrubbing technique prior to recoating.
3. Dirty mops and mopping with dirty water (spreading dirt).
4. Water trails left by scrubber and/or dirty mops used to pick up water trails behind scrubber.
5. Applying floor finish before floor has been properly scrubbed and rinsed (dirt coated into floor finish).
6. Excessive dirt, sand and grit allowed to enter facility and being ground into finish.
7. Buffing pads contain dirt and finish accumulations.
8. Getting build-up by applying finish to edges every time floor is coated (edges turning color).
9. Incorrect concentration of cleaner.
10. Oil treated dust mops being used, leaving dirt catching residue on floor.
11. Fans used to force dry floor finish resulting in dirt catching bubbles. Dirt can then be buffed into finish.
12. Contaminated floor finish (unused finish) should never be returned to original container.

### **SOLUTION**

1. Must use auto scrubber and proper pads/cleaner on daily basis. Damp mopping is not sufficient.
2. Deep scrub with blue or green pads prior to recoating with **Signature™ Finish**.
3. Use clean mops and change water often. If dirty mops or water used, deep scrub with blue pads, rinse and reapply finish.
4. Trail scrubber operator and use clean mop and change rinse water frequently.
5. Strip, rinse and reapply finish.
6. Use approved mats and runners with scheduled safety sweeps during day.
7. Always use clean pads. Rotate or replace as needed.
8. Do not recoat outer 6 to 8 inches every time floor is finished.
9. Follow recommended dilution of UHS cleaner.
10. Use approved dust mops.
11. Never direct fans at floor finish. If fans are used, aim upward for air circulation in area.
12. Always dispose of unused finish.



## **PROBLEM: POOR GLOSS (GLOSS LEVEL BELOW NORMAL)**

<b>MOST LIKELY CAUSE</b>	<b>SOLUTION</b>
1. Insufficient coats applied.	1. Scrub with blue or green pads, rinse and apply additional coats. Maintain 6 coats of finish.
2. Thin coats.	2. Apply in medium coats, not with a wrung out mop.
3. Buffing frequency is inconsistent.	3. Buff floor daily after scrubbing.
4. Wrong scrubbing or buffing pads used (usually too aggressive).	4. Use approved pads and follow recoat procedures.
5. Excessive amount of sand grit is on floor.	5. Use approved mats and runners of sufficient length and width.
6. Ammonia, bleach, or stripping solution used in scrubber or mop bucket for routine cleaning.	6. Use approved cleaner only.
7. Dirty equipment used to apply finish (stripper mop used, etc.).	7. Strip, properly rinse and apply new finish using clean equipment.
8. Tile becoming old or very porous.	8. Apply additional coats of finish.
9. Additional coats applied before previous coat dry (will likely experience mop drag and look hazy).	9. Allow next coat to dry sufficiently.
10. Improper cleaner dilutions.	10. Always measure detergent. Excess cleaner residue can cause dulling.



## PROBLEM: POWDERING OF FLOOR FINISH

### MOST LIKELY CAUSE

### SOLUTION

- |  |   |
|--|---|
| 1. Applying coats too thin. Finish does not form a good band (poor adhesion).  | 1. Apply full, medium coats of floor finish. Not with a wrung out mop.                          |
| 2. Dirty buffing pads being used. Pads load up and are not being replaced.   | 2. Change or rotate pads during buffing and after use.  |
| 3. Wrong buffing pads or brushes used (too aggressive).  | 3. Use recommended buffing pads.  |
| 4. Finish applied before floor or previous coat dry (finish not sticking to floor).*   | 4. Strip, rinse and allow floor to dry before applying finish.                                  |
| 5. Floor not rinsed before finish applied. Heavy cleaner residues can prevent good adhesion.*                                  | 5. Floor must be thoroughly rinsed before applying floor finish.                                |
| 6. Fans used to force dry floor finish. Surface may dry too quickly and not allow finish to form a good bond (poor adhesion).* | 6. Never direct fans at floor finish. If fans are used, aim upward for air circulation in area. |
| 7. Stripper residue left on floor due to poor rinsing (finish not sticking to floor).*   | 7. Strip, rinse, and allow floor to dry before applying finish.                                 |
| 8. Old floor finish not completely removed (incompatibility of coatings).  | 8. Only use approved finish. Do not apply hard finishes over soft buffable finishes.            |
| 9. Factory finish not stripped off of new tile before finishing. Finish not sticking to floor-poor adhesion.*                  | 9. Strip, rinse and reapply finish.   |
| 10. Frozen floor finish (may bead up on floor during application).   | 10. Do not proceed with finish. Replace with good product.                                      |

\* To test finish adhesion to floor, apply one medium coat to small area and let dry 45 minutes. Apply good masking tape or clear tape to finish and pull up with a quick jerk. If finish comes off with tape you do not have good adhesion.





## PROBLEM: SLIPPERY FLOORS

MOST LIKELY CAUSE	SOLUTION
1. Silicone based products (furniture polishes, glass cleaners) getting on floor due to aerosol overspray or accidental spills.	1. If silicone based products are used near aisles, apply to rag prior to use to reduce the chance of overspray hitting the floor. <ul style="list-style-type: none"><li>• Scrub floor thoroughly to remove. If floor is still slippery after cleaning, apply a medium coat of finish over affected area.</li></ul>
2. Improperly treated dust mops being used, usually oil treated.	2. Use only recommended dust mops or refer to label directions when treating dust mops.
3. Ice melting compounds on floor.	3. Clean contaminated (normally near entrances and at end of runners) floor thoroughly with clean water to remove. <ul style="list-style-type: none"><li>• Control amount of ice melting chemicals used.</li><li>• Use only approved mats and runners.</li><li>• Clean mats and runners occasionally with wet/dry vac or wet extraction cleaner using plain water.</li></ul>
4. Dirt and grit on floor	4. Use approved mats and dust mop thoroughly.
5. Improper detergent solution. Little or none will not permit removal of foreign substances.	5. Always measure the detergent and use recommended dilutions.
6. Use of acids (vinegar) in cleaning water. Acids will destroy the cleaning ability of detergents.	6. Always measure the detergent and use recommended dilutions. Do not add vinegar.
7. High speed burnishing a floor with no finish.	7. Maintain 6 coats of finish on the floor.



## **PROBLEM: STREAKS IN FLOOR FINISH AND/OR FLOOR FINISH EXHIBITING AN ALLIGATOR EFFECT**

<b>MOST LIKELY CAUSE</b>	<b>SOLUTION</b>
1. Floor finish or seal not thoroughly dry before applying additional coats.	1. Strip, rinse, and reapply. Do not recoat if mop drags.
2. Contaminated mops or pails used to apply finish (i.e. dirty strip mop).	2. Strip, rinse, and reapply floor finish using clean equipment.
3. Floor finish frozen or stored in extreme heat.	3. Replace damaged product. Strip, rinse, and reapply new finish.
4. Floor finish applied over factory finish on new tile.	4. Strip, rinse, and reapply finish.
5. Contaminated finish poured back into original container.	5. Do not use leftover finish. Dispose of contaminated finish. Strip, rinse and reapply finish.
6. Floor not thoroughly scrubbed and/or rinsed before applying finish.	6. Rinse floor thoroughly after scrubbing or stripping before applying finish.
7. Dirty mop or equipment used when applying finish.	7. Insure equipment is clean before attempting to apply finish.



## **PROBLEM: SCUFFING AND SCRATCHING OF FINISH**

<b>MOST LIKELY CAUSE</b>	<b>SOLUTION</b>
1. Wrong scrubbing or buffing pads/brushes used.	1. Use approved pads and brushes.
2. Excessive dirt and grit on floor.	2. Use approved mats and thoroughly dust mop before cleaning.
3. Not scrubbing or buffing often enough.	3. Verify areas are correctly classified as high or secondary traffic area. Follow recommended procedures.
4. Some unauthorized floor finishes do not resist scuffs and scratches very well.	4. Use only approved floor finish.
5. Unequal pad pressures on twin pad scrubbers/buffers.	5. Adjust pad pressure.
6. Stones, grit not picked up by auto scrubber or mop. Grit buffed into floor or dragged by squeegee.	6. Thoroughly remove stones or grit by dust mopping or sweeping prior to scrubbing.



## AUTO SCRUBBER TROUBLESHOOTING GUIDE

Problem	Cause	Action
1. There is no solution flow.	<ul style="list-style-type: none"> <li>a. The solution valve is closed.</li> <li>b. There is an obstruction in the solution hose or filter.</li> <li>c. The solution valve or linkage is damaged.</li> <li>d. The solution tank is empty.</li> </ul>	<ul style="list-style-type: none"> <li>a. Open the solution valve</li> <li>b. Remove the obstruction from the hose and the filter.</li> <li>c. Repair or replace the valve and the linkage.</li> <li>d. Fill the solution tank.</li> </ul>
2. The solution flow doesn't stop.	<ul style="list-style-type: none"> <li>a. The solution valve is open.</li> <li>b. The solution valve or linkage is damaged.</li> <li>c. The solution valve is dirty.</li> <li>d. There is a damaged seat and washer in the solution valve.</li> <li>e. The valve stem is dirty.</li> </ul>	<ul style="list-style-type: none"> <li>a. Close the solution valve.</li> <li>b. Repair or replace the valve and the linkage.</li> <li>c. Clean the solution valve.</li> <li>d. Replace the seat and washer.</li> <li>e. Clean and lubricate valve stem.</li> </ul>
3. The machine does not remove any water from the floor.	<ul style="list-style-type: none"> <li>a. The squeegee is up.</li> <li>b. The vacuum motor switch is in the "OFF" position.</li> <li>c. The vacuum tank is full.</li> <li>d. The vacuum shut-off valve is closed or has an obstruction.</li> <li>e. The foam filter is dirty.</li> <li>f. There is an obstruction or damage in the squeegee, squeegee hose or standpipe.</li> <li>g. The vacuum motor is not running.</li> </ul>	<ul style="list-style-type: none"> <li>a. Lower the squeegee.</li> <li>b. Put the switch in the "ON" position.</li> <li>c. Drain the tank.</li> <li>d. Open the shut-off valve or remove the obstruction.</li> <li>e. Clean or replace the filter.</li> <li>f. Remove the obstruction or repair the damage.</li> <li>g. Have an authorized service person make repairs.</li> </ul>
4. The machine does not remove all the water from the floor.	<ul style="list-style-type: none"> <li>a. The squeegee blade is damaged, worn, or incorrectly installed.</li> <li>b. There is an obstruction or damage in the squeegee, squeegee hose, or standpipe.</li> <li>c. The squeegee pressure is not correctly adjusted.</li> </ul>	<ul style="list-style-type: none"> <li>a. Turn or replace the squeegee blade. Correctly install the squeegee blade.</li> <li>b. Remove the obstruction or repair the damage.</li> <li>c. Adjust the pressure of the squeegee.</li> </ul>
5. The batteries do not give the normal running time.	<ul style="list-style-type: none"> <li>a. The tops of the batteries are dirty or wet.</li> <li>b. The battery terminals are dirty or damaged.</li> <li>c. The electrolyte level is too low.</li> <li>d. The batteries are not fully charged.</li> <li>e. The charger is damaged.</li> <li>f. The battery is defective.</li> </ul>	<ul style="list-style-type: none"> <li>a. Clean and dry the tops of the batteries. Charge the batteries.</li> <li>b. Clean the terminals and connectors. Replace the damaged cables. Charge the batteries.</li> <li>c. Add distilled water to each cell and charge the batteries.</li> <li>d. Charge the batteries for a full 16-hour charge.</li> <li>e. Have an authorized service person repair the charger.</li> <li>f. Check voltage of each cell while discharging.</li> </ul>
6. The cleaning is not even.	<ul style="list-style-type: none"> <li>a. The scrub brushes or pads are worn.</li> <li>b. There is damage to the brush assembly, casters or the solution valve.</li> <li>c. The motors are not running.</li> </ul>	<ul style="list-style-type: none"> <li>a. Replace the scrub brushes or pads.</li> <li>b. Have an authorized service person make the needed repairs.</li> <li>c. Repair the wiring, replace the switch, replace the carbon brushes. Push the circuit breaker button. Check the fuses, replace if necessary.</li> </ul> <p><b>NOTE:</b> If the motors continue to stop, consult an authorized service person.</p>
7. The machine does not run.	<ul style="list-style-type: none"> <li>a. The machine loses power.</li> </ul>	<ul style="list-style-type: none"> <li>a. Reset the circuit breaker.</li> <li>b. Replace the fuses.</li> </ul> <p><b>NOTE:</b> If the motors continue to stop, consult an authorized service center.</p>



## PURPOSE

Mats trap dirt and debris which would otherwise be tracked into the store. This dirt must be removed from the mat on a regular basis, otherwise the mat will be unable to trap more dirt and will wear out prematurely. Cleaning the backing of the mat is also important to prevent the mat from "walking" on the floor.

## EQUIPMENT AND SUPPLIES

- Sweeper or Broom
- High pressure washer, pressure hose with pressure nozzle, or carpet extractor with drag wand

## PROCEDURE

1. Put out "Wet Floor" signs in the area you are working.
  1. Take mats outside. Turn mats over and shake them to remove loose dirt. Remove gum from mats.
  2. Sweep back of mats and floor to remove loose dirt shaken out of mats using Sweeper or Broom.
  3. Clean area beneath mat:  
Indoors: Perform normal daily floor maintenance procedures (dust mopping, scrubbing or mopping, and burnishing.)  
Outdoors: Sweep sidewalk with Sweeper or Broom.
  4. Clean mat:  
Hang mat (avoid sharp corners). Flush out mat to remove embedded dirt using high pressure washer or hose with pressure nozzle. Use warm water if available. Continue flushing until rinse water runs clear.  

*or*

While mat is still in place, extract with warm water using a carpet extractor with drag wand.
  5. Hang mat up to dry. Be sure the both top and back of mat are dry before placing mat back into service. Use turbo fan to shorten drying time.
- Notes:**
- Never stand mats on end. ALWAYS LAY FLAT.
  - Keep mats clear from sliding entry doors to prevent damage to mats.
6. Remove "Wet Floor" signs around area.

## FREQUENCY

Daily - Steps 1-3

Weekly - Steps 1-5



<i>PROCEDURE</i>	<i>FREQUENCY</i>	<i>EQUIPMENT</i>
Shake out mat  Sweep floor and back of mat	Daily	Sweeper or Broom
Flush out mat	Weekly	Hose or high pressure washer
----- or ----- or -----		
Extract mat		Carpet extractor with drag wand

- **Never stand mats on end, always lay flat.**
- **Keep mats clear of sliding entry doors to prevent damage to mats.**



# SECTION II

**Dominick's**  
A SAFEWAY COMPANY

**Randalls**  
A SAFEWAY COMPANY

*Simon David*

**Tom Thumb**

the  
**VONS**  
Companies, Inc.



## Safety

JohnsonDiversey  
Clean is just the beginning







## TIPS FOR REDUCING SLIP/FALL CLAIMS

Reducing your store's liability from slip & fall claims is a goal that can be accomplished. You have already taken a major first step by implementing the **SAFeway UHS Floor Care Program**.

Experts in the area of slip & fall claims agree that having a set program, with set procedures, training manuals, training tapes and a system of products from a recognized and respected leader in the floor care industry will help to reduce your "exposure" to slip & fall litigation and claims.

The following tips are designed to help make you and the other members of your staff more aware of the steps that you can take to reduce your chances of slip & fall accidents.

**TIP ONE:** Always make sure that your store's floor care program is adhered to. Never take short cuts when performing your daily floor care procedures. This is your protection that your program is safe and that accepted norms are being followed on a regular basis.

**TIP TWO:** Be aware of the weather conditions for the day. If the weather turns bad with rain, snow or other inclement conditions, bring out and post your wet floor caution signs. Even if the floor isn't wet, the signs will warn customers to pay closer attention as they shop in the store.

**TIP THREE:** Survey your floors regularly during the day. Many times spills will go unnoticed for long periods of time before they are cleaned. It is during these times that a customer is more likely to experience a slip & fall situation. **Never Allow Any Foreign Substance To Remain On A Floor Once It Has Spilled.**

**TIP FOUR:** If a silicon based product (e.g. furniture polish) is spilled, you will need a bucket with cleaner and an old mop in order to clean the spill. Using paper towels, absorb as much of the product as you can. Using the cleaner and old mop, thoroughly soak the area and allow the cleaner to penetrate and lift the silicon. Rinse your mop thoroughly and reclean the area until there is no slippery feeling. **Once You Have Cleaned The Area, Throw The Mop Away! Never Reuse A Mop That You Have Used For This Task.**

**TIP FIVE:** Make sure that no empty stock boxes or crates are left unattended on the sales floor during customer hours.

**TIP SIX:** Do not allow electrical cords to lie on the sales floor unless they are taped down and warning signs posted.



TIP SEVEN: Make sure that all walk-off mats are secure and lie flat on the floor. Turned up corners can result in major problems.

TIP EIGHT: Dust mop your sales floor as often as possible during the day, especially around the entrance areas.

TIP NINE: In the event that a slip & fall does occur, follow company procedures for reporting the incident. Survey the area of the fall immediately and write down all pertinent information:

- time of day
- weather conditions
- any visible spills or other foreign substances on the floor
- type of shoe the person is wearing (ex: leather sole dress shoes, sneakers, slippers, etc.) at the time of the incident
- any apparent medical conditions or restrictions the person might have (ex: are they using a walking cane, walker, crutches, etc.)
- make sure that you have other store personnel on hand to verify the information that you are taking down



# SECTION III

**Dominick's**  
A SAFEWAY COMPANY

**Randalls**  
A SAFEWAY COMPANY

*Simon David*

**Tom Thumb**

the  
**VONS**  
Companies, Inc.



## Hazardous Communications Product Specification Sheets MSDS sheets

JohnsonDiversey  
Clean is just the beginning





## HAZARDOUS COMMUNICATION STANDARD

The purpose of the OSHA Hazard Communications Standard is to insure that an evaluation is made of the hazards of all chemicals produced, imported or used by **SAFEWAY**. The "Right-To-Know" Standard requires our company to provide associates with information on the specific toxic substance to which they are exposed in their workplace. In addition to carefully evaluating the hazards of all chemicals used in **SAFEWAY** facilities, detailed information on specific chemical products can be obtained from:

**Product Labeling** – Each chemical container must contain the chemicals name or identity, appropriate hazard warnings, and the manufacturer's name and address. Original manufacturer's containers will meet this requirement. The next step is to insure that any repackaged containers are labeled with product name and appropriate precautionary statement. Whenever you transfer a chemical from one container to another, follow this procedure. Also, relabel any container that has a damaged or missing label.

**Material Safety Data Sheets (MSDS's)** – MSDS's are written or printed data sheets concerning hazardous chemical which are prepared and distributed with chemicals by chemical manufacturers. The data sheets are available to all associates and contain:

Chemical Identification  
Hazardous Ingredient Data  
Physical Data  
Fire and Explosion Data  
Health Hazard Data  
Reactivity Data  
Spill or Leak Procedures  
Special Protection Data  
Special Precautions

### OBJECTIVES OF HAZARD COMMUNICATION TRAINING

1. To inform associates about the federal Hazard Communication Standard which entitles them information about the hazardous chemicals with which they work and training in the proper handling of these chemicals.
2. To make associates aware that they must work with the company to reduce the risk of injury on the job.
3. To inform associates of the potential hazards in their workplace and to train the associates to utilize all information and equipment available for their protection.



**BRAVO**  
**1500+**

# UHS Floor Stripper

*Specially formulated to effectively and consistently remove the routine buildup of toughened finishes that accompany High Speed and Ultra High Speed floor care programs.*

## Powerful Stripping Action

Quickly penetrates and emulsifies finish.

## Reduces Labor

Strips the accumulation of finish that normally accompanies high and ultra high speed floor care programs.

## Low Foam Formula

Results in less time emptying pickup tanks.



**Johnson wax**  
**PROFESSIONAL**

# BRAVO® 1500+ FLOOR STRIPPER

## Profile

WHAT IS IT?	A non-ammoniated floor stripper specially formulated for high and ultra high speed floor care programs
WHAT DO I USE IT ON?	Recommended for use on resilient and non-resilient floors except unsealed wood, linoleum, cork and painted surfaces.
How do I USE IT?	1. Use appropriate personal protective equipment. For light build-up of finish use at a dilution of 1:8. For heavy build-up use at a dilution of 1:2 to 1:6. 2. Apply liberal amounts of solution uniformly to floor with a mop. Start with the edges to give them more soak time. If splashing occurs, wipe off surfaces with a clean rag dampened with water. 3. Let stripper solution soak for 7-10 minutes. Re-wet as necessary, <b>do not allow solution to dry on floor</b> . Longer soak times may be necessary in cases of extreme buildup. 4. Hand or machine scrub thoroughly using black pads or stripping brush. 5. Pick-up all of the solution with a clean mop, wet vac or automatic scrubber. Mop up any "tracks" left by wet vacs or automatic scrubbers before they dry. 6. Thoroughly rinse floor with clear water. 7. Let floor dry completely before applying recommended JOHNSON WAX PROFESSIONAL brand floor sealer or finish.
CAUTIONS:	Do not use on wood floors or painted surfaces. Test for softening or color bleeding on linoleum, rubber, or asphalt floors. Use in well ventilated areas. Do not use for selective stripping of finish on TECHNIQUE® sealer.

## Specifications

Color / Form. . . . .	Clear / Liquid
Fragrance: . . . . .	Characteristic
pH: . . . . .	>13
Dilution: . . . . .	1:4 (may also be used 1:2 or 1:3 for heavy buildup and 1:8 for light or medium buildup.)
Shelf Life: . . . . .	2 years
VOC's . . . . .	The VOC content of this product, or it's minimum use dilutions where applicable, complies with current California Air Resources Board (CARB) regulations.

### HMIS Hazard Ratings:

	concentrate
Health. . . . .	3
Flammability . . . . .	0
Reactivity . . . . .	0

## Packaging

PACK / SIZE	PRODUCT CODE
4 / 1 Gallon (3.78 L) Containers	4639
1 / 5 Gallon (18.9 L) ENVIROBOX™	4638

## Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS's are available on line at [www.johnsondiversey.com](http://www.johnsondiversey.com) or by calling 1-888-352-2249.



**Johnson wax**  
PROFESSIONAL

FOR COMMERCIAL & INDUSTRIAL USE ONLY

© 2003 JohnsonDiversey, Inc., Sturtevant, WI 53177-0902. All Rights Reserved.

For further information on special applications or other Johnson Wax Professional products, contact your JohnsonDiversey representative, or call us at 1-800-558-2332 or visit our web-site at [www.johnsondiversey.com](http://www.johnsondiversey.com)

Bravo is used under authority from S.C. Johnson & Son, Inc. Racine, Wisconsin, U.S.A.

♻️ Printed in the U.S.A. on recycled paper from 50% total recycled fiber containing 10% post consumer wastes.

3165011 SPC191 (03/241)



# Floor Stripper

*For the professional's  
toughest stripping jobs!*

## Can Reduce Labor

Fast penetration of built-up finish and sealer layers.

## Cost Effective

Designed to work the first time. . . reducing "restrips."

## Versatile Problem Solver

Works in cool water . . . variable dilution rate to match the job.



**Johnson wax**  
**PROFESSIONAL**



# PRO STRIP™ FLOOR STRIPPER

## Profile

WHAT IS IT?	A powerful, fast-acting stripper that begins to emulsify most finishes upon contact, reducing normal soak times and removing multiple layers of finish with fewer passes.
WHAT DO I USE IT ON?	Can be applied on VCT, terrazzo, and concrete floors.
HOW DO I USE IT?	1. Use appropriate personal protective equipment. Dilute Pro Strip 1:4 - 1:6 with cool water for removing a heavy build-up of floor finish (ultra high speed). Dilute Pro Strip 1:8 - 1:10 with cool water for removing a light build-up of floor finish (conventional). 2. Apply liberal amounts of solution uniformly to floor with a mop. Start with the edges to give them more soak time. If splashing occurs, wipe off surfaces with a clean rag dampened with water. 3. Let stripper solution soak for 5-10 minutes. Mop agitate to loosen finish. Re-wet as necessary, <b>do not allow solution to dry on floor</b> . Longer soak times may be necessary in cases of extreme buildup. <b>NOTE:</b> When removing chemically "resistant" sealers, like TECHNIQUE, reapply an additional amount of PRO STRIP solution after an initial five minute soak time, wait an additional five minutes and then scrub. 4. Hand or machine scrub thoroughly using black pads or stripping brush. 5. Pick-up all of the solution with a clean mop, wet vac or automatic scrubber. 6. Mop up any "tracks" left by wet vacs or automatic scrubbers before they dry. Thoroughly rinse floor with clean water, using a mop and bucket. 7. Let floor dry completely before applying recommended JOHNSON WAX PROFESSIONAL brand floor sealer or finish.
CAUTIONS:	Do not use on wood, marble or painted surfaces. Test for softening or color bleeding on linoleum, rubber, or asphalt floors. Use only with adequate ventilation. Do not use for selective stripping of finish on TECHNIQUE® sealer.

## Specifications

### Use Dilution:

**Heavy Build-up:** 1:4 - 1:6 (ultra high speed)

**Light Build-up:** 1:8 - 1:10 (conventional)

pH: 12.50 maximum

Specific Gravity: 1.01

Flash Point: None.

Shelf Life: 2 years.

**NOTE:** Do not use on marble.

### HMIS Hazard Ratings:

#### concentrate

Health . . . . . 3

Flammability . . . . . 0

Reactivity . . . . . 0

## Packaging

PACK / SIZE	PRODUCT CODE
4 / 1 Gallon (3.78 L) Containers	4167
1 / 5 Gallon (18.9 L) Container	3700

## Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS's are available on-line at [www.jwp.com](http://www.jwp.com) or by calling 1-888-352-2249.



FOR COMMERCIAL & INDUSTRIAL USE ONLY

© 2002 Johnson Wax Professional, Sturtevant, WI 53177-0902.

For further information on special applications or other Johnson Wax Professional products, contact your Johnson Wax Professional representative, at 1-800-558-2332 or visit our web-site at [www.jwp.com](http://www.jwp.com).



# Cleaner

*The high performance cleaner specifically formulated to clean floors maintained with ultra high-speed finishes.*

## **Provides Deep Cleaning Power**

Unique combination of ingredients boosts cleaning power without damage to UHS finishes.

## **Saves Labor Since No Rinsing Is Required**

Floors dry film-free, especially important in ultra high-speed programs.

## **Extends Stripping Cycles... Saving Time And Labor**

Keeps floor finishes cleaner – longer.

## **Ideal For Use In Automatic Scrubber**

Low foam formula requires less emptying of recovery tanks allowing for more machine time on the floor.

## **Economical**

Super-concentrated formula delivers powerful cleaning performance for pennies per day.



**Johnson wax**  
**PROFESSIONAL**

## Profile

## Specifications

## Safety Reminder



*Signature*<sup>™</sup>

# Floor Finish

*For floor care  
that's simply  
brilliant.*



## **Maximum UHS Appearance/Minimum Product Inventory**

3-product system – no sealer, restorer, or maintainer required.

## **Optimized Wet-Look Gloss Achieved With All Types of UHS Burnishing Equipment**

Dramatic response to propane, battery and electric equipment.

## **Redefines The Term "User-Friendly"**

Easy to apply...thin or full coats...easy drying.

## **Strip-Out Not Required Prior To SIGNATURE System Installation**

Apply over virtually any finish after deep-scrubbing with JWP UHS CLEANER<sup>™</sup> and green pads.

## **Responds To The Demands Of A High Frequency Maintenance Program**

Stands up to daily autoscrubbing and UHS burnishing.



**Johnson wax**  
**PROFESSIONAL**

# SIGNATURE™ FLOOR FINISH

## Profile

WHAT IS IT?	An Ultra High Speed Floor Finish that provides unsurpassed "wet look" gloss, excellent durability and dirt release, and is easy to apply and maintain.
WHAT DO I USE IT ON?	Can be used on all types of resilient floors. Non-resilient floors should be sealed first.
HOW DO I USE IT?	Clean floor. Strip floors if necessary. Apply 2 to 3 coats of SIGNATURE using a clean mop allowing 20-45 minutes drying time between coats. Apply additional coats until desired gloss is obtained.
CAUTIONS:	Floors can be slippery when wet or contaminated with foreign materials. Promptly clean-up spills and foreign materials.

## Specifications

**Non-volatile Solids:** 20% minimum

**Drying Time:** 20-45 minutes (under normal conditions)

**Shelf Life:** 2 years

**Slip Resistance:** 0.5 minimum (ASTM D2047)

This product is not regulated by W.H.M.I.S. For additional information please refer to the product Material Safety Data Sheet (MSDS).

### HMIS/NFPA HAZARD RATING

Health	1
Flammability	0
Reactivity	0

## Applications

**SIGNATURE™ ULTRA HIGH SPEED FLOOR FINISH** is designed to excel on vinyl composite, sheet vinyl and terrazzo flooring. Signature is optimized when used in an ultra high speed setting. For other substrates or maintenance programs, we recommend testing Signature first or contacting Johnson Wax Professional.

## Packaging

PACK / SIZE	PRODUCT CODE
(1) 5 gallon ENVIROBOX™ container	05065



## Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDSs are available on line at [www.jwp.com](http://www.jwp.com) or by calling 1-888-352-2249.

**Johnson wax**  
PROFESSIONAL


FOR COMMERCIAL / INDUSTRIAL USE ONLY

© 2000 Johnson Wax Professional, Sturtevant, WI 53177-0902.

For further information on special applications or other Johnson Wax Professional products, contact your Johnson Wax Professional representative, call us at 1-800-558-2332 or visit our web-site at [www.jwp.com](http://www.jwp.com)



# BRAVO 1500+

<b>National Fire Protection Association (NFPA)</b>	<div><div>Fire Hazard</div><div>Health<div>0</div><div>3</div><div>0</div>Reactivity</div><div>Specific Hazard</div></div>	<b>Hazardous Material Information System (HMIS)</b>	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	3	Fire Hazard	0	Reactivity	0
Health	3								
Fire Hazard	0								
Reactivity	0								
<b>Protective Clothing</b> <div></div>	<b>Emergency Overview</b>	Clear Liquid. See Section 9. <b>DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.</b>							

## Section 1. Chemical Product and Company Identification

<b>Product Name</b> BRAVO 1500+		<b>Code</b> 4638
<b>Product Use</b> Industrial/Institutional: Floor care.		<b>PMS#</b> 404768
<b>MSDS#</b> 114641001		<b>Validation Date</b> 9/11/2000
<b>U.S. Headquarters</b> Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	<b>Canadian Headquarters</b> Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	<b>Print Date</b> 9/11/2000
		<b>Supersedes</b> 4/19/2000.
		<b><u>In Case of Emergency</u></b> (800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Hydroxide	1310-73-2	1-5	CEIL: 2 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] STEL: 2 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
Sodium Xylene Sulfonate Monoethanolamine	1300-72-7	1-5	Not available.	Not available. ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
	141-43-5	1-5	TWA: 8 STEL: 15 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 7.5 STEL: 15 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	
2-Butoxyethanol	111-76-2	10-30	TWA: 120 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 97 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat].
Water	7732-18-5	60-100	Not available.	Not available.

## Section 3. Hazards Identification

<b>Routes of Entry</b> Inhalation. Skin contact. Eye contact.
<b>Potential Acute Health Effects</b> <div> <b>Eyes</b> Corrosive. May cause permanent damage including blindness.                     </div> <div> <b>Skin</b> Corrosive. May cause permanent damage.                     </div> <div> <b>Inhalation</b> May cause irritation and corrosive effects to nose, throat and respiratory tract.                     </div> <div> <b>Ingestion</b> Corrosive. May cause burns to mouth, throat, and stomach.                     </div>
<b>Medical Conditions</b> Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
<b>See Toxicological Information (section 11)</b>

**Section 4. First Aid Measures**

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

Flammability of the Product	None known.
Flash Points	Not available.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

**Section 6. Accidental Release Measures**

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

Handling	Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR INDUSTRIAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves.
<i>Respiratory</i>	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid.
Odor	Characteristic.
Color	Clear
pH	>13 [Basic.]
Specific Gravity	1
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	-16°C (3.2°F)

Continued on Next Page

VOC	18 ±
Solubility in water	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with acids.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

**Section 12. Ecological Information**

Not available.
----------------

**Section 13. Disposal Considerations**

Waste Information	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
-------------------	--

**Section 14. Transport Information**

<b>DOT Classification</b>	
DOT Proper Shipping Name	Corrosive liquid, basic, inorganic, n.o.s. ( Sodium hydroxide , Monoethanolamine )
DOT Class	Class 8: Corrosive material
UN/NA	UN3265
Packing Group	III
<b>TDG Classification</b>	
TDG Proper Shipping Name	Corrosive liquid, basic, inorganic, n.o.s. ( Sodium hydroxide , Monoethanolamine )
TDG Class	Class 8: Corrosive material
PIN/NIP	UN3265
Packing Group	III

**Section 15. Regulatory Information**

<b>Reporting in this section is based on ingredients disclosed in Section 2</b>	
<b>US Regulations</b>	
Federal	Clean Water Act (CWA) 311: Sodium Hydroxide CERCLA: Hazardous substances.: Sodium Hydroxide, 2-Butoxyethanol
State	New Jersey spill list: Sodium Hydroxide, 2-Butoxyethanol New Jersey: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol Massachusetts spill list: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol Massachusetts RTK: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol Pennsylvania RTK: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol  This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information	Not applicable.
<b>Canadian Regulations</b>	



**Canadian NPRI** Canadian NPRI: 2-Butoxyethanol.  
**WHMIS Classification** CLASS D-2B: Material causing other toxic effects (TOXIC).  
 CLASS E: Corrosive liquid.

**WHMIS Icon**



**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

### Section 16. Other Information


**Other Special Considerations** Not available.

**Version** 1.01

#### Notice to Reader

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*

# PRO-STRIP

National Fire Protection Association (NFPA)	<div><div>Fire Hazard</div><div>Health</div><div>Reactivity</div><div>0</div><div>3</div><div>0</div></div> <div>Specific Hazard</div>	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	3	Fire Hazard	0	Reactivity	0
Health	3								
Fire Hazard	0								
Reactivity	0								
Protective Clothing		Emergency Overview	Clear White to yellowish. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.						

## Section 1. Chemical Product and Company Identification

Product Name	PRO-STRIP	Code	4167
Product Use	Industrial/Institutional: Floor care.	PMS#	413946
MSDS#	114156003	Validation Date	04/27/2000
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date	04/27/2000
		Supersedes	04/19/2000
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Hydroxide	1310-73-2	1-5	CEIL: 2 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] STEL: 2 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] Not available.	Not available.
Ethylene Glycol Phenyl Ether	122-99-6	1-5	Not available.	ORAL (LD50): Acute: 1260 mg/kg [Rat].
Sodium Xylene Sulfonate Monoethanolamine	1300-72-7	1-5	Not available. TWA: 8 STEL: 15 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 7.5 STEL: 15 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
	141-43-5	10-30		ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
2-Butoxyethanol	111-76-2	10-30	TWA: 120 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 97 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat]. Not available.
Water	7732-18-5	30-60	Not available.	Not available.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<i>Eyes</i>	Corrosive. May cause permanent damage including blindness.
<i>Skin</i>	Corrosive. May cause permanent damage.
<i>Inhalation</i>	May cause irritation and corrosive effects to nose, throat and respiratory tract.
<i>Ingestion</i>	Corrosive. May cause burns to mouth, throat, and stomach.
Medical Conditions Aggravated by Overexposure:	
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.	
See Toxicological Information (section 11)	

**Section 4. First Aid Measures**

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult. Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

Flammability of the Product	None known.
Flash Points	Not available.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

**Section 6. Accidental Release Measures**

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

Handling	Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves.
<i>Respiratory</i>	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid.
Odor	Mild.
Color	Clear White to yellowish.
pH	>13 [Basic.]
Specific Gravity	1.02
Boiling/Condensation Point	>82°C (179.6°F)
Melting/Freezing Point	<0°C (32°F)

Continued on Next Page

Solubility in water	Complete.
---------------------	-----------

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids.
Hazardous Decomposition Products	Produces normal products of combustion. Toxic decomposition products include: Oxides of nitrogen.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
-------------------	--

**Section 14. Transport Information**

<b>DOT Classification</b>	
DOT Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. (Monoethanolamine, Sodium hydroxide)
DOT Class	Class 8: Corrosive material
UN/NA	UN3267
Packing Group	II
<b>TDG Classification</b>	
TDG Class	Not applicable.
PIN/NIP	

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

**US Regulations**

**Federal** Clean Water Act (CWA) 311: Sodium Hydroxide  
 CERCLA: Hazardous substances.: Sodium Hydroxide, 2-Butoxyethanol

**State** New Jersey spill list: Sodium Hydroxide, 2-Butoxyethanol  
 New Jersey: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol  
 Massachusetts spill list: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol  
 Massachusetts RTK: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol  
 Pennsylvania RTK: Monoethanolamine, Sodium Hydroxide, 2-Butoxyethanol  
 This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** Not applicable.

**Canadian Regulations**

**Canadian NPRI** Not applicable.  
**WHMIS Classification** Not applicable.  
**WHMIS Icon**

Continued on Next Page

<b>Registered Product Information</b>	Not applicable.
---------------------------------------	-----------------

<b>Chemical Inventory Status</b>	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
----------------------------------	---

**Section 16. Other Information**


<b>Other Special Considerations</b>	Not available.
-------------------------------------	----------------

<b>Version</b>	1
----------------	---

**Notice to Reader**

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*

# UHS SC FLOOR CLEANER

National Fire Protection Association (NFPA)	<div><div>Fire Hazard</div><div><div>Health</div><div>Reactivity</div></div><div><div>0</div><div>3</div><div>0</div></div></div>	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	3	Fire Hazard	0	Reactivity	0
Health	3								
Fire Hazard	0								
Reactivity	0								
Specific Hazard									
Protective Clothing		Emergency Overview	Blue, Green, Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.						

## Section 1. Chemical Product and Company Identification

Product Name	UHS SC FLOOR CLEANER	Code	3825
Product Use	Industrial/Institutional: Floor cleaning. This product is intended to be diluted prior to use.	PMS#	461986
MSDS#	113825002	Validation Date	5/2/2001
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date	5/2/2001
		Supersedes	1/5/2001.
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Polyacrylic Acid Alkoxylated Linear Alcohols Ammonium Hydroxide	1336-21-6	1-5	Not available.	Not available.
		1-5	Not available.	Not available.
		1-5	Not available.	ORAL (LD50): Acute: 350 mg/kg [Rat].
2-Butoxyethanol	111-76-2	10-30	TWA: 120 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 97 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Rat].
Water	7732-18-5	10-30	Not available.	Not available.
Monoethanolamine	141-43-5	30-60	TWA: 8 STEL: 15 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 7.5 STEL: 15 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<i>Eyes</i> Corrosive. May cause permanent damage including blindness.
	<i>Skin</i> Corrosive. May cause permanent damage.
	<i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.
	<i>Ingestion</i> Corrosive. May cause burns to mouth, throat, and stomach.
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

#### Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	None known.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

#### Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

#### Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

#### Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves.
<i>Respiratory</i>	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

#### Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Fragrance like.
Color	Blue. Green.
pH	>12 [Basic.]
Specific Gravity	1.01
Solubility in water	Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with acids.
Hazardous Decomposition Products	When exposed to fire; Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
-------------------	--

**Section 14. Transport Information**
**DOT Classification**

DOT Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. ( Monoethanolamine , Ammonium hydroxide )
DOT Class	Class 8: Corrosive material
UN/NA	UN3267
Packing Group	II
DOT Special Considerations	Limited Quantity

**TDG Classification**

TDG Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. ( Monoethanolamine , Ammonium hydroxide )
TDG Class	Class 8: Corrosive material
PIN/NIP	UN3267
Packing Group	II
TDG Special Considerations	Limited Quantity

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

**US Regulations**

<b>Federal</b>	Clean Water Act (CWA) 311: Ammonium Hydroxide CERCLA: Hazardous substances.: Ammonium Hydroxide, 2-Butoxyethanol
<b>State</b>	New Jersey spill list: Ammonium Hydroxide, 2-Butoxyethanol New Jersey: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol New Jersey toxic catastrophe prevention act: Ammonium Hydroxide Massachusetts spill list: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol Massachusetts RTK: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol Pennsylvania RTK: Ammonium Hydroxide, Monoethanolamine, 2-Butoxyethanol  This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Continued on Next Page



**Canadian Regulations**
**Canadian NPRI** Canadian NPRI: 2-Butoxyethanol.

**WHMIS Classification** CLASS D-2B: Material causing other toxic effects (TOXIC).  
 CLASS E: Corrosive liquid.

**WHMIS Icon**

**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Section 16. Other Information**
**Other Special Considerations** Not available.

**Version** 1.02

**Notice to Reader**

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*

# SIGNATURE UHS

National Fire Protection Association (NFPA)	<div>Fire Hazard</div> <div>Health10Reactivity</div> <div>Specific Hazard</div>		Hazardous Material Information System (HMIS)	Health	1
				Fire Hazard	0
				Reactivity	0
Protective Clothing	None required.		Emergency Overview	Opaque White. Emulsion. See Section 9. CAUTION: May be mildly irritating to eyes.	

## Section 1. Chemical Product and Company Identification

Product Name	SIGNATURE UHS	Code	5065
Product Use	Industrial/Institutional: Floor care.	PMS#	433138
MSDS#	115065005	Validation Date	04/19/2000
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date	04/20/2000
		Supersedes	04/12/2000.
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Diethylene Glycol Ethyl Ether	111-90-0	1-5	Not available.	ORAL (LD50): Acute: 5540 to 9740 mg/kg [Rat].
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	TWA: 600 STEL: 900 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] SKIN TWA: 606 STEL: 909 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] SKIN	ORAL (LD50): Acute: 5119 mg/kg [Rat]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].
Tributoxyethyl Phosphate	78-51-3	1-5	Not available.	ORAL (LD50): Acute: 3000 mg/kg [Rat]. DERMAL (LD50): Acute: 16000 mg/kg [Rabbit].
Acrylic Polymers	7732-18-5	10-30	Not available.	Not available.
Water		60-100	Not available.	Not applicable.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Eye contact.
Potential Acute Health Effects	
Eyes	May be mildly irritating to eyes.
Skin	None known.
Inhalation	None known.
Ingestion	None known.
Medical Conditions	None known.
Aggravated by Overexposure:	
See Toxicological Information (section 11)	

**Section 4. First Aid Measures**

Eye Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Rinse with plenty of running water.
Inhalation	No specific first aid measures are required.
Ingestion	No specific first aid measures are required.

**Section 5. Fire Fighting Measures**

Flammability of the Product	None known.
Flash Points	CLOSED CUP: >93°C (199.4°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	None known.

**Section 6. Accidental Release Measures**

Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

Handling	Avoid contact with eyes. FOR INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
Eyes	No special protective clothing is required.
Hands	No special protective clothing is required.
Respiratory	No special protective clothing is required.
Feet	No special protective clothing is required.
Body	No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

Physical State and Appearance	Liquid. (Emulsion.)
Odor	Mild. Wax.
Color	Opaque White.
pH	8.1 to 8.5 [Basic.]
Specific Gravity	1.03
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
Solubility in water	Dispersible.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	No special precautions. Dispose of according to all federal, state and local regulations.
-------------------	---

**Section 14. Transport Information**

DOT Classification	Not regulated
TDG Classification	Not regulated

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

**US Regulations**

**Federal** SARA 313 toxic chemical notification and release reporting: Tributoxymethyl Phosphate, Diethylene Glycol Ethyl Ether  
 CERCLA: Hazardous substances.: Tributoxymethyl Phosphate, Diethylene Glycol Ethyl Ether

**State** New Jersey spill list: Tributoxymethyl Phosphate, Diethylene Glycol Ethyl Ether  
 New Jersey: Tributoxymethyl Phosphate, Dipropylene Glycol Methyl Ether, Diethylene Glycol Ethyl Ether  
 Massachusetts RTK: Dipropylene Glycol Methyl Ether  
 Pennsylvania RTK: Tributoxymethyl Phosphate, Dipropylene Glycol Methyl Ether, Diethylene Glycol Ethyl Ether

This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** Not controlled under WHMIS (Canada).

**WHMIS Icon**



**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Section 16. Other Information**

Other Special Considerations Not available.

Version 1

Notice to Reader

*This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*

# **JohnsonDiversey ENVIRONMENTAL STATEMENT**

As a family-owned, worldwide company of more than 100 years, that has successfully marketed a variety of products and services, we at JohnsonDiversey believe in respecting and protecting the environment.

For us, this concern derives directly from the basic principles that have guided us from the beginning. Our objectives have always extended beyond financial growth to include broader social goals. Foremost among these is promoting the health and well-being of families – not only the families of today, but also the families of tomorrow.

As a company, we will apply our belief in respecting and protecting the environment to all phases of our business. It is our goal to develop our products and services and design our packages and processes so that they are compatible with the environment, beneficial in their use, and manageable in their disposal.

One of the greatest challenges that we face today is making those vital decisions that will determine the quality of life for ensuing generations. We will display leadership in pursuit of this challenge by bringing to all of our products, services and manufacturing the technological innovations that promote clean air, clean water and clean earth...a better environment for us all.

To this end, we dedicate ourselves to act, knowing that we are part of a larger community.

**If you have any questions or comments, please contact**  
**JohnsonDiversey Technical Response Team**  
**Toll Free 1-800-558-2332**  
(8am to 5pm CST Monday through Friday)

*Visit our web site at: <http://www.johnsondiversey.com>*

