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# GRAINGER.

## ITW DYMON 3U029 STAINLESS STEEL CLEANER

Revised: 6/10/2003

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**Item Number:**

3U029

**Mfg. Model Number:**

85951

### MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

**HMIS (R\*) :**

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	B

IDENTITY (AS USED ON LABEL AND LIST): 3U029 STAINLESS STEEL CLEANER

**NOTE:**

BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

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## SECTION I

MANUFACTURED FOR: W. W. GRAINGER, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):  
100 GRAINGER PARKWAY  
LAKE FOREST, IL 60045-5201

MANUFACTURER'S NAME: ITW DYMON

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):  
805 EAST OLD 56 HIGHWAY  
OLATHE, KS 66061

EMERGENCY TELEPHONE NUMBER: 1-800-228-5635

TELEPHONE NUMBER FOR INFORMATION: (847) 535-5400

DATE PREPARED: JUNE 10, 2003

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED % (OPT.)
PROPANE	74-98-6	1000 PPM	ASPHYXIANT	7-13%
C10-13 ISOPARAFFIN	68551-17-7	5 MG/M3 (MIST)	5 MG/M3 (MIST)	60-100%

THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICAL LISTED OR IN CONCENTRATIONS REQUIRING REPORTING UNDER SARA TITLE III SEC. 313. REFER TO 40 CFR 372.

TSCA:

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA, ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:

CONCENTRATE: 354 DEG. F

SPECIFIC GRAVITY (H<sub>2</sub>O=1) CONCENTRATE: 0.78

PRESSURE (PSIG. @ 70 DEG. F): 37 +/- 5

MELTING POINT: NO DATA

VAPOR DENSITY (AIR=1): GREATER THAN ONE (1)

VAPORATION RATE (ETHYL ETHER=1): NO DATA

SOLUBILITY IN WATER: NEGLIGIBLE

pH: NOT APPLICABLE

APPEARANCE AND ODOR - CLEAR COLORLESS LIQUID WITH A LEMON SCENT IN AN AEROSOL CAN.

- VOC'S - THIS PRODUCT CONTAINS 525 GRAMS PER LITER OR 76% BY WEIGHT VOC'S.

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

USA FLAME PROJECTION TEST (ASTM D-3065): 24", NO FLASHBACK, FLAMMABLE

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

EXTINGUISHING MEDIA:

TREAT AS AN OIL FIRE. USE CARBON DIOXIDE, DRY CHEMICAL OR FOAM. WATER MAY CAUSE FIRE TO SPREAD.

SPECIAL FIRE FIGHTING PROCEDURES - USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. WEAR SELF-CONTAINED BREATHING APPARATUS IN CHEMICAL FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS - AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 120 DEG. F.

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## SECTION V - REACTIVITY DATA

STABILITY:

UNSTABLE ( )

STABLE (X)

CONDITIONS TO AVOID - EXTREME HEAT, DIRECT SUNLIGHT

INCOMPATIBILITY (MATERIALS TO AVOID) - STRONG ACIDS, ALKALIES AND OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CARBON MONOXIDE, CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION:

MAY OCCUR ( )

WILL NOT OCCUR (X)

CONDITIONS TO AVOID - NONE KNOWN

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## SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

EYES?

YES

INHALATION?

YES

SKIN?

YES

INGESTION?

NO

HEALTH HAZARDS (ACUTE AND CHRONIC) - WARNING. FLAMMABLE LIQUID AND VAPOR. CAUSES EYE AND SKIN IRRITATION. CAUSES IRRITATION OF THE DIGESTIVE TRACT. INHALING EXCESSIVE CONCENTRATION OF VAPORS OR SWALLOWING MAY DEPRESS NERVOUS SYSTEM. CONTENTS UNDER PRESSURE. FOLLOW GOOD CHEMICAL HYGIENE PRACTICES WHEN USING THIS PRODUCT.

CARCINOGENICITY: NONE KNOWN

NTP?

NO

IARC MONOGRAPHS?

NO

OSHA REGULATED?

NO

SIGNS AND SYMPTOMS OF EXPOSURE - REDNESS, TEARING OR IRRITATION OF EYES. DROWSINESS, DIZZINESS, NAUSEA, LOSS OF COORDINATION AND FATIGUE. DRYING AND CRACKING OF SKIN. THROAT IRRITATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - PRE-EXISTING SKIN, LUNG, OR STOMACH DISORDERS.

#### EMERGENCY AND FIRST AID PROCEDURES:

EYES - IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION - DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION - GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION.

SKIN - IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES.

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS

NECESSARY. DIKE TO PREVENT SPREAD. CAUTION SLIP HAZARD. VACUUM UP FOR REUSE OR PICK UP ON ABSORBENT. PUT IN SUITABLE CONTAINER. WIPE UP SMALL SPILLS WITH ABSORBENT CLOTH. RESIDUE MAY BE SLIPPERY. CLEAN THOROUGHLY.

WASTE DISPOSAL METHOD - CONSULT LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE CONTAINER. REPLACE CAP ON EMPTY CAN, WRAP, THEN DISCARD CONTAINER IF ALLOWED BY APPLICABLE STATUTES.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - DO NOT GET IN EYES. AVOID CONTACT WITH SKIN AND CLOTHING. DO NOT INHALE MIST OR VAPORS. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE CONTAINER. DO NOT STORE AT TEMPERATURES EXCEEDING 120 DEG. F. DO NOT INCINERATE OR SPRAY INTO OPEN FLAME. STORE IN A DRY LOCATION. STORE AWAY FROM HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT.

OTHER PRECAUTIONS - FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. DIRECT SPRAY AWAY FROM FACE. USE WITH ADEQUATE VENTILATION. REPLACE CAP WHEN NOT IN USE. DO NOT USE AROUND IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, ETC. DO NOT SWALLOW. WASH THOROUGHLY AFTER HANDLING.

## **SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE) - NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELS OR TLVs ARE EXCEEDED (SEE SECTION II), USE AN APPROVED NIOSH\MSHA RESPIRATOR.

VENTILATION:

LOCAL EXHAUST: NOT NECESSARY

MECHANICAL (GENERAL): YES

SPECIAL: NONE

OTHER: NONE

PROTECTIVE GLOVES: IF NEEDED TO PREVENT DIRECT CONTACT.

EYE PROTECTION - YES (APPROVED SAFETY GLASSES (Z87) OR GOGGLES).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT - NOT USUALLY NECESSARY. IF CONTACT POSSIBLE, WEAR APRON, BOOTS, ETC. AS REQUIRED.

WORK/HYGIENIC PRACTICES - NORMAL. WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS. ETC.

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, W.W. GRAINGER, INC. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.