GRAINGER
FOR THE ONES WHO GET IT DONE

☒ Close this window SDS

Common Name: GLASS CLEANER
Manufacturer: W.W. GRAINGER
SDS Revision Date: 6/1/2016
SDS Format: GHS-US

Grainger Item Number(s): 49NW20, 49NW23
Manufacturer Model Number(s):

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SAFETY DATA SHEET

GLASS CLEANER

DATE PREPARED: 06/01/2016

SDS NO: W.W. GRAINGER INC._GLASS CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: GLASS CLEANER

GENERAL USE: INDOOR AND OUTDOOR GLASS CLEANER

PRODUCT DESCRIPTION: NON-AMMONIATED GLASS CLEANER

CHEMICAL FAMILY: SOLVENT/DETERGENT BLEND

MANUFACTURED FOR:
W.W. GRAINGER INC.
100 GRAINGER WAY
LAKE FOREST, IL 60045

CUSTOMER SERVICE: 800-472-4643

24 HR. EMERGENCY TELEPHONE NUMBERS:
CHEM-TEL (MEDICAL AND TRANSPORTATION): 800-255-3924
POISON CONTROL CENTER (MEDICAL): 800-222-1222

2. HAZARDS IDENTIFICATION

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GHS CLASSIFICATIONS:
HEALTH: EYE IRRITATION, CATEGORY 2B

GHS LABEL:

SIGNAL WORD: WARNING

HAZARD STATEMENTS:
H320: CAUSES EYE IRRITATION.

PRECAUTIONARY STATEMENT(S):

PREVENTION:
P264: WASH HANDS THOROUGHLY AFTER HANDLING.
P262: DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.
P102: KEEP OUT OF REACH OF CHILDREN.

RESPONSE:
P305+P351 + P338:
IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P337+P313:
IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

P301 + P312:
IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

STORAGE:
P404: STORE IN A CLOSED CONTAINER.

DISPOSAL:
P501:
DISPOSE OF CONTENTS/CONTAINER ACCORDING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS.

EMERGENCY OVERVIEW:

PHYSICAL APPEARANCE: BLUE LIQUID

IMMEDIATE CONCERNS: MILD EYE IRRITANT.

POTENTIAL HEALTH EFFECTS:
EYES: CONTACT MAY CAUSE EYE IRRITATION.

SKIN: SKIN IRRITANT WITH PROLONGED OR REPEATED CONTACT.

SKIN ABSORPTION: NONE EXPECTED.

INGESTION:
ALTHOUGH OF MODERATE TO LOW TOXICITY, INGESTION OF LARGE AMOUNTS CAN CAUSE

GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

INHALATION: MIST IS IRRITATING TO NOSE, THROAT AND LUNGS.

REPRODUCTIVE TOXICITY:

REPRODUCTIVE EFFECTS: NONE KNOWN.

TERATOGENIC EFFECTS: NONE KNOWN.

MUTAGENICITY: NONE KNOWN.

ROUTES OF ENTRY: INGESTION, EYE

CANCER STATEMENT: NONE

SENSITIZATION: NONE

WARNING CAUTION LABELS: NONE

PHYSICAL HAZARDS: NONE EXPECTED.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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CHEMICAL NAME	WT.%	CAS
ISOPROPANOL	1 - 3	67-63-0
ETHYLENE GLYCOL BUTYL ETHER	0 - 1	111-76-2
SODIUM LAURYL SULFATE	0 - 1	151-21-3
DYE	<0.1	N/A
WATER	90 - 98	7732-18-5

4. FIRST AID MEASURES

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EYES:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

SKIN:
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INGESTION:
GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY POISON CENTER OR PHYSICIAN.

INHALATION:
REMOVE VICTIM TO FRESH AIR AND MONITOR. SEEK MEDICAL ADVISE IF IRRITATION PERSISTS.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES: BURNING SENSATION WITH TEARING, REDNESS.

SKIN: REDNESS AND ITCHING SENSATION.

SKIN ABSORPTION: NONE EXPECTED.

INGESTION: IRRITATION OF MOUTH, THROAT, ALONG WITH STOMACH UPSET, VOMITING.

INHALATION:
IRRITATION OF NOSE, THROAT AND LUNGS WITH COUGHING, SNEEZING, POSSIBLE DIFFICULTY BREATHING.

ACUTE TOXICITY: NONE KNOWN.

CHRONIC EFFECTS: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

5. FIRE FIGHTING MEASURES

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FLAMMABLE CLASS: IIIB (>200F)

EXTINGUISHING MEDIA:
USE AN EXTINGUISHING AGENT SUITABLE FOR THE SURROUNDING FIRE.

EXPLOSION HAZARDS:
FIRE EXPOSED CONTAINERS MAY BURST DUE TO INCREASED PRESSURE FROM HEAT.

FIRE FIGHTING PROCEDURES:
KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER STREAM OR MIST.

6. ACCIDENTAL RELEASE MEASURES

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SMALL SPILL:
AVOID WALKING IN PRODUCT. WIPE UP OR OTHERWISE FLUSH SMALL SPILLS TO SANITARY SEWER.

LARGE SPILL:
AVOID WALKING IN MATERIAL. PREVENT PRODUCT FROM ENTERING INTO STREAM, SOIL, STORM SEWER OR OTHER BODIES OF WATER.

ENVIRONMENTAL PRECAUTIONS:
WATER SPILL: AVOID DISCHARGES INTO OPEN WATERWAYS.

LAND SPILL: AVOID DISCHARGE TO SOIL.

AIR SPILL:
NA = NOT APPLICABLE

7. HANDLING AND STORAGE

top

GENERAL PROCEDURES: CLOSE CONTAINER AFTER USE.

HANDLING:
AVOID CONTACT WITH SKIN AND EYES. WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

STORAGE: STORE IN CLOSED CONTAINER IN AN AREA INACCESSIBLE TO CHILDREN.

STORAGE TEMPERATURE: STORE AT AMBIENT TEMPERATURES.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

CHEMICAL NAME		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SUPPLIER OEL	
		PPM	MG/M3	PPM	MG/M3	PPM	MG/M3
ISOPROPANOL	TWA	400	980	200	490	NL	NL
	STEL			400	960	NL	NL
ETHYLENE GLYCOL BUTYL ETHER	TWA	50	240	20	97	NL	NL
	STEL					NL	NL

ENGINEERING CONTROLS: USE IN WELL VENTILATED AREA.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: SAFETY GLASSES WITH SIDE SHIELDS.

SKIN: RUBBER OR OTHER CHEMICAL RESISTANT GLOVES.

RESPIRATORY:
NA = NOT APPLICABLE

PROTECTIVE CLOTHING:
NA = NOT APPLICABLE

9. PHYSICAL AND CHEMICAL PROPERTIES

top

PHYSICAL STATE: LIQUID

ODOR: CHARACTERISTIC.

ODOR THRESHOLD: NOT ESTABLISHED

COLOR: BLUE

PH: 10.5 TO 11.5

PERCENT VOLATILE: >98

FLASH POINT AND METHOD: >100C (212F)

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE:
NA = NOT APPLICABLE

VAPOR PRESSURE: APPROX. 20 MMHg AT (68 DEG. F)

VAPOR DENSITY: >1 AIR = 1

BOILING POINT: 212 DEG. F; 100 DEG. C

FREEZING POINT: 32 DEG. F; 0 DEG. C

SOLUBILITY IN WATER: COMPLETE

EVAPORATION RATE: (WATER =1) 1.0

DENSITY: 8.34 AT 20 DEG. C (68 DEG. F)

SPECIFIC GRAVITY: 0.999 GRAMS/ML. AT 20 DEG. C (68 DEG. F)

VISCOSITY: WATER THIN.

(VOC): </=2.980% BY WEIGHT

10. STABILITY AND REACTIVITY

top

REACTIVITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

STABILITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

CONDITIONS TO AVOID: STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE EXPECTED.

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS

11. TOXICOLOGICAL INFORMATION

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ACUTE:

CHEMICAL NAME	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50 (RAT)
ISOPROPANOL	5045 MG/KG (RAT)	12800 MG/KG (RABBIT)	16000 PPM
ETHYLENE GLYCOL BUTYL ETHER	1300 MG/KG (RAT)	>2000 MG/KG (RABBIT)	>3.1 MG/L
SODIUM LAURYL SULFATE	1200 MG/KG (RAT)	>2000 TO 20000 MG/KG (RABBIT)	>3900 MG/M3 (RAT)

EYES: NOT ESTABLISHED

DERMAL LD50: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

SKIN ABSORPTION: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

INHALATION LC50: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

EYE EFFECTS: MILD TO MODERATE EYE IRRITANT.

SKIN EFFECTS: MAY IRRITATE SKIN WITH PROLONGED OR REPEATED CONTACT.

CHRONIC: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

CARCINOGENICITY:

CHEMICAL NAME	NTP STATUS	IARC STATUS	OSHA STATUS

ETHYLENE GLYCOL BUTYL ETHER	NO LISTED SUBSTANCE	GROUP 3 - NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS	NO LISTED SUBSTANCE

IRRITATION: NOT ESTABLISHED

SENSITIZATION: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

MUTAGENICITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

12. ECOLOGICAL INFORMATION

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ENVIRONMENTAL DATA: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

ECOTOXICOLOGICAL INFORMATION: NOT ESTABLISHED

AQUATIC TOXICITY (ACUTE): NOT ESTABLISHED

13. DISPOSAL CONSIDERATIONS

top

DISPOSAL METHOD:
SMALL AMOUNTS (LESS THAN 5 GALLONS) MAY BE DISPOSED OF IN SANITARY SEWER.
CONSULT LOCAL AUTHORITIES FOR ADDITIONAL DISPOSAL INFORMATION.

FOR LARGE SPILLS:
CONSULT WITH LOCAL AND STATE AUTHORITIES FOR LARGE VOLUME DISPOSAL.

PRODUCT DISPOSAL: SEE ABOVE.

EMPTY CONTAINER:
RINSE CONTAINER WITH CLEAR WATER. OFFER CONTAINER FOR RECYCLING, OR DISPOSE OF IN TRASH.

RCRA/EPA WASTE INFORMATION:
NA = NOT APPLICABLE

14. TRANSPORT INFORMATION

top

DOT (DEPARTMENT OF TRANSPORTATION):

PROPER SHIPPING NAME: CLEANING COMPOUND, NOT REGULATED.

U.S. CUSTOMS HARMONIZATION NUMBER: 3402.90.10.00

15. REGULATORY INFORMATION

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UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:
HEALTH: ACUTE

FIRE: NO
PRESSURE GENERATING: NO
REACTIVITY: NO
ACUTE: YES
CHRONIC: NO

313 REPORTABLE INGREDIENTS:
2-BUTOXYETHANOL 111-76-2 (CATEGORY: N230 CERTAIN GLYCOL ETHERS)

EPCRA SECTION 313 SUPPLIER NOTIFICATION:

CHEMICAL NAME	WT.%	CAS
ETHYLENE GLYCOL BUTYL ETHER	0 - 1	111-76-2

302/304 EMERGENCY PLANNING:
EMERGENCY PLAN:
NA = NOT APPLICABLE

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT):

CERCLA REGULATORY:
NA = NOT APPLICABLE

TSCA (TOXIC SUBSTANCE CONTROL ACT):

TSCA REGULATORY: ALL INGREDIENTS ARE LISTED ON THE TSCA CHEMICAL INVENTORY.

STATES WITH SPECIAL REQUIREMENTS:

CHEMICAL NAME	REQUIREMENTS
ISOPROPANOL	MASSACHUSETTS RIGHT TO KNOW SUBSTANCE NEW JERSEY RIGHT TO KNOW SUBSTANCE PENNSYLVANIA RIGHT TO KNOW SUBSTANCE
ETHYLENE GLYCOL BUTYL ETHER	MASSACHUSETTS RIGHT TO KNOW SUBSTANCE PENNSYLVANIA RIGHT TO KNOW SUBSTANCE NEW JERSEY RIGHT TO KNOW SUBSTANCE
SODIUM LAURYL SULFATE	NEW JERSEY RIGHT TO KNOW SUBSTANCE PENNSYLVANIA RIGHT TO KNOW SUBSTANCE

CALIFORNIA PROPOSITION 65: NO LISTED SUBSTANCE

CARCINOGEN: CONTAINS AN INGREDIENT LISTED UNDER IARC GROUP 3.

16. OTHER INFORMATION

top

PREPARED BY: REG

DATE PREPARED: 06/01/2016

HMIS RATING:
HEALTH 1
FLAMMABILITY 0
PHYSICAL HAZARD 0
PERSONAL PROTECTION A

NFPA CODES:
1

0
0

MANUFACTURER DISCLAIMER:
THIS COMPANY CANNOT ANTICIPATE ALL CONDITIONS OF HANDLING AND USE OF THIS PRODUCT. THEREFORE, THIS COMPANY ACCEPTS NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION, OR THE SAFETY AND SUITABILITY OF THE PRODUCT EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS. IT IS THE RESPONSIBILITY OF THE EMPLOYER AND/OR USER TO PROVIDE A SAFE WORKPLACE, USING HEALTH AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE. THIS COMPANY WILL ACCEPT NO LIABILITY FOR DAMAGES OR LOSSES INCURRED FROM THE IMPROPER HANDLING AND USE OF THIS PRODUCT.