

Common Name: FLOOR STRIPPER

Manufacturer: W.W. GRAINGER

SDS Revision Date: 10/31/2017

SDS Format: GHS-US

Item Number(s): 444N57, 444N58

Manufacturer Model Number(s):

SDS Table of Contents

Click the desired link below to jump directly to that section in the SDS.

- [1. PRODUCT AND COMPANY IDENTIFICATION](#)
- [2. HAZARDS IDENTIFICATION](#)
- [3. COMPOSITION / INFORMATION ON INGREDIENTS](#)
- [4. FIRST AID MEASURES](#)
- [5. FIRE FIGHTING MEASURES](#)
- [6. ACCIDENTAL RELEASE MEASURES](#)
- [7. HANDLING AND STORAGE](#)
- [8. EXPOSURE CONTROLS / PERSONAL PROTECTION](#)
- [9. PHYSICAL AND CHEMICAL PROPERTIES](#)
- [10. STABILITY AND REACTIVITY](#)
- [11. TOXICOLOGICAL INFORMATION](#)
- [12. ECOLOGICAL INFORMATION](#)
- [13. DISPOSAL CONSIDERATIONS](#)
- [14. TRANSPORT INFORMATION](#)
- [15. REGULATORY INFORMATION](#)
- [16. OTHER INFORMATION](#)

SAFETY DATA SHEET

DATE PREPARED: 10/31/2017

SDS NO: GRAINGER_FLOOR STRIPPER

FLOOR STRIPPER

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: FLOOR STRIPPER

GENERAL USE: FLOOR FINISH

PRODUCT DESCRIPTION: NON-AMMONIATED STRIPPER

CHEMICAL FAMILY: SOLVENT/DETERGENT BLEND

DISTRIBUTOR:

W.W. GRAINGER INC.
100 GRAINGER PARKWAY
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



GHS CLASSIFICATIONS:

HEALTH:
EYE IRRITATION, CATEGORY 2A
SKIN IRRITATION, CATEGORY 2

GHS LABEL: EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD STATEMENTS:
H319: CAUSES SERIOUS EYE IRRITATION.
H315: CAUSES SKIN IRRITATION.
H303: MAY BE HARMFUL IF SWALLOWED.

PRECAUTIONARY STATEMENT(S):

PREVENTION:
P273: AVOID RELEASE TO THE ENVIRONMENT.

P262: DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

P280:
WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

P264: WASH HANDS THOROUGHLY AFTER HANDLING.

P233: KEEP CONTAINER TIGHTLY CLOSED.

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.

P302+P352:
IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER

P332+P313:
IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.

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

P304+P312:
IF INHALED: 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: CLEAR LIQUID

IMMEDIATE CONCERNS: EYE & SKIN IRRITANT

POTENTIAL HEALTH EFFECTS:

EYES: IRRITATING, AND MAY INJURE EYE TISSUE IF NOT REMOVED PROMPTLY.

SKIN: SKIN IRRITANT WITH PROLONGED OR REPEATED CONTACT.

SKIN ABSORPTION: NONE EXPECTED.

INGESTION:

ALTHOUGH OF MODERATE TO LOW TOXICITY, INGESTION CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, AND POSSIBLE DEATH.

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

REPRODUCTIVE TOXICITY:

TERATOGENIC EFFECTS: NONE KNOWN.

CARCINOGENICITY: NO LISTED SUBSTANCE

MUTAGENICITY: NONE KNOWN.

MEDICAL CONDITIONS AGGRAVATED:

PREVIOUS SKIN CONDITIONS SUCH AS DERMATITIS MAY BE AGGRAVATED.

ROUTES OF ENTRY: EYE, SKIN, INGESTION, INHALATION.

CANCER STATEMENT: NONE

WARNING CAUTION LABELS: IRRITANT

3. COMPOSITION / INFORMATION ON INGREDIENTS



CHEMICAL NAME	WT. %	CAS
NONYLPHENOL ETHOXYLATE	0 - 5	9016-45-9
FATTY ACIDS, TALL-OIL, SODIUM SALTS	0 - 5	61790-45-2
MONOETHANOLAMINE	5 - 8	141-43-5
DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT	0 - 5	7320-34-5
SODIUM SILICATE	0 - 5	6834-92-0
FRAGRANCE	<0.5	N/A
WATER	70 - 80	7732-18-5

4. FIRST AID MEASURES



EYES:

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, WHILE HOLDING EYELIDS OPEN. REMOVE CONTACT LENSES, IF PRESENT, AFTER THE FIRST 5 MINUTES, THEN CONTINUE RINSING EYE. SEEK MEDICAL ATTENTION IMMEDIATELY.

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:

PROLONGED CONTACT WILL CAUSE IRRITATION MARKED BY REDNESS, BURNING SENSATION.

SKIN ABSORPTION: NOT ESTABLISHED

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

INHALATION:

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

ACUTE EFFECTS: NOT ESTABLISHED

5. FIRE FIGHTING MEASURES



FLAMMABLE CLASS:

NA = NOT APPLICABLE

GENERAL HAZARD:

NA = NOT APPLICABLE

EXTINGUISHING MEDIA: NOT REQUIRED. WATER BASED MATERIAL.

6. ACCIDENTAL RELEASE MEASURES



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.

GENERAL PROCEDURES:

ISOLATE SPILL OR LEAK AREA IMMEDIATELY. KEEP UNAUTHORIZED PERSONNEL AWAY. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. PREVENT ENTRY INTO WATERWAYS, SEWERS, OR CONFINED AREAS. ABSORB WITH DRY EARTH, SAND OR OTHER NONCOMBUSTIBLE MATERIAL AND TRANSFER TO CONTAINERS.

SPECIAL PROTECTIVE EQUIPMENT:

EYE PROTECTION, RUBBER GLOVES, RUBBER BOOTS TO PROTECT FEET.

7. HANDLING AND STORAGE



GENERAL PROCEDURES: CLOSE CONTAINER AFTER USE.

HANDLING: WEAR EYE PROTECTION, RUBBER GLOVES WHEN HANDLING CONCENTRATE.

STORAGE: STORE IN AREA INACCESSIBLE TO CHILDREN.

STORAGE TEMPERATURE: STORE AT AMBIENT TEMPERATURES.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200):

CHEMICAL NAME	EXPOSURE LIMITS			
	TYPE		PPM	MG/M3
MONOETHANOLAMINE	OSHA PEL	TWA	3	6
		ACGIH TLV	TWA	3
		STEL	6	15
	SUPPLIER OEL	TWA	NL	NL
		STEL	NL	NL

ENGINEERING CONTROLS:

PROVIDE MECHANICAL VENTILATION WHEN USED IN CONFINED AREAS, OR AREAS WITH POOR VENTILATION.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: CHEMICAL SPLASH GOOGLES AND FULL FACE-SHIELD.

SKIN:

RUBBER OR OTHER CHEMICAL RESISTANT GLOVES. RUBBER BOOTS OF USED ON FLOORS.

PROTECTIVE CLOTHING:

CHEMICAL RESISTANT OUTERWEAR (TYVEK) IF CONTACT WITH SPRAY OR MIST IS ANTICIPATED.

WORK HYGIENIC PRACTICES:

WASH WITH SOAP AND WATER AFTER HANDLING. DO NOT EAT, DRINK OR SMOKE WHILE USING PRODUCT.

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

ODOR: SASSAFRAS

ODOR THRESHOLD: NOT ESTABLISHED

COLOR: WATER CLEAR

PH: 12.0 TO 13.0

PERCENT VOLATILE: 80+

FLASH POINT AND METHOD: NONE

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE: NA = NOT APPLICABLE

VAPOR PRESSURE: </= 20 MMHg AT (68 DEG. F)

VAPOR DENSITY: </= 1

BOILING POINT: APPROX. 100 DEG. C (212 DEG. F)

FREEZING POINT: APPROX. 0 DEG. C (32 DEG. F)

MELTING POINT: NOT AVAILABLE

THERMAL DECOMPOSITION: NOT AVAILABLE

SOLUBILITY IN WATER: COMPLETE

EVAPORATION RATE: (WATER=1) 1.0

DENSITY: 8.63 AT (68 DEG. F)

SPECIFIC GRAVITY: 1.034 GRAMS/ML.

VISCOSITY: WATER THIN.

(VOC): 6.92% BY WEIGHT

10. STABILITY AND REACTIVITY



REACTIVITY: STABLE

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: NOT ESTABLISHED

POSSIBILITY OF HAZARDOUS REACTIONS: NONE EXPECTED.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN.

INCOMPATIBLE MATERIALS: STRONG ACIDS, OXIDIZERS.

11. TOXICOLOGICAL INFORMATION



ACUTE TOXICITY:

CHEMICAL NAME	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50 (RAT)
NONYLPHENOL ETHOXYLATE	16000 MG/KG (RAT)	4490 MG/KG (RABBIT)	
MONOETHANOLAMINE	1089 MG/KG (RAT)	2504 MG/KG (RABBIT)	APPROX. 1.48 MG/L
DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT	2444 MG/KG (RAT)	>4640 MG/KG (RABBIT)	
SODIUM SILICATE	1500 TO 3200 MG/KG (RAT)		

DERMAL LD50: NOT ESTABLISHED

ORAL LD50: NOT ESTABLISHED

INHALATION LC50: NOT ESTABLISHED

SERIOUS EYE DAMAGE/IRRITATION: IRRITANT

RESPIRATORY OR SKIN SENSITIZATION:
NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

GERM CELL MUTAGENICITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

12. ECOLOGICAL INFORMATION



ENVIRONMENTAL DATA: NOT ESTABLISHED

ECOTOXICOLOGICAL INFORMATION: NOT ESTABLISHED

AQUATIC TOXICITY (ACUTE): NOT ESTABLISHED

13. DISPOSAL CONSIDERATIONS



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



DOT (DEPARTMENT OF TRANSPORTATION):
PROPER SHIPPING NAME: CLEANING COMPOUND, NOT REGULATED.

ROAD AND RAIL (ADR/RID):
PROPER SHIPPING NAME: CLEANING COMPOUND, NOT REGULATED.

AIR (ICAO/IATA):
SHIPPING NAME: CLEANING COMPOUND, NOT REGULATED.

VESSEL (IMO/IMDG):
SHIPPING NAME: CLEANING COMPOUND, NOT REGULATED.

15. REGULATORY INFORMATION



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: NO LISTED SUBSTANCE

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
NONYLPHENOL ETHOXYLATE	MASSACHUSETTS RIGHT TO KNOW SUBSTANCE NEW JERSEY RIGHT TO KNOW SUBSTANCE PENNSYLVANIA RIGHT TO KNOW SUBSTANCE
MONOETHANOLAMINE	MASSACHUSETTS RIGHT TO KNOW SUBSTANCE NEW JERSEY RIGHT TO KNOW SUBSTANCE NEW YORK RIGHT TO KNOW SUBSTANCE PENNSYLVANIA RIGHT TO KNOW SUBSTANCE
SODIUM SILICATE	PENNSYLVANIA RIGHT TO KNOW SUBSTANCE NEW JERSEY RIGHT TO KNOW SUBSTANCE

CALIFORNIA PROPOSITION 65: NONE

CARCINOGEN: NO LISTED SUBSTANCE

16. OTHER INFORMATION



DATE PREPARED: 10/31/2017

HMIS RATING:
HEALTH 2
FLAMMABILITY 0
PHYSICAL HAZARD 0
PERSONAL PROTECTION B

NFPA CODES:
2
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.