

ITEM: 2RE49 - Solvent Cleaning 5 Gal

PICK REQ: 1086468420

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: B3264

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - B3264

Associated Grainger Item: 2RE49 - Solvent Cleaning 5 Gal

GRAYMILLS CORPORATION

MATERIAL SAFETY DATA SHEET

CONFORMS TO OSHA FORM NO.: 1218-0072

COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

NFPA HAZARD RATING:
HEALTH 1
FLAMMABILITY 2
REACTIVITY 0

IDENTITY: SUPER AGITENE 141

CHEMICAL FAMILY: CLEANING COMPOUND (COMBUSTIBLE LIQUID)

SECTION I

MANUFACTURERS NAME: GRAYMILLS CORPORATION

ADDRESS:
3705 NORTH LINCOLN AVE.
CHICAGO, ILLINOIS 60613

EMERGENCY #: 1-800-424-9300 (CHEMIREC)

DATE PREPARED: JULY 1, 2008

PREPARED BY: ROBERT E. SCHMALZ, JR. R.

PREPARERS SIGNATURE:

SECTION II - INGREDIENTS/IDENTITY INFORMATION

Table with 5 columns: SPECIFIC CHEMICAL IDENTITY/Common Name(s), OSHA PEL, ACGIH TLV, CAS# (*SEE NOTE), CONCENTRATION RANGE %. Includes entries for ALIPHATIC PETROLEUM DISTILLATE and DPM (DIPROPYLENE GLYCOL AL ETHER).

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE (FAHRENHEIT): 360 DEG. - 410 DEG. F/182 DEG. - 210 DEG. C

SPECIFIC GRAVITY (WATER=1): .8

VAPOR PRESSURE (MMHg @ 68 DEG. F/20 DEG. C): .23

MELTING POINT: N/A

VOC CONTENT: 800 G/L

EVAPORATION RATE (n-BUTYL ACETATE=1): .04

pH: N/A

SOLUBILITY IN WATER: INSOLUBLE

APPEARANCE & ODOR: CLEAR GREEN LIQUID, MILD MINERAL SPIRITS ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):
142 DEG. F-145 DEG. F/61.1 DEG. C-62.8 DEG. C (TAG CC ASTM D56)

FLAMMABLE LIMITS:
LEL: 0.9%
UEL: 7.0%

EXTINGUISHING MEDIA: CO2 FOAM, DRY CHEMICALS, WATER SPRAY (FOG)

SPECIAL FIRE FIGHTING PROCEDURES:
COOL SEALED DRUMS WITH WATER TO LESSEN CHANCE OF RUPTURE. WEAR SELF-CONTAINED BREATHING GEAR. MINIMIZE BREATHING OF GASES, VAPORS OR DECOMPOSITION PRODUCTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
COMBUSTIBLE LIQUID, DRUMS COULD FRACTURE IF HEATED. AUTO IGNITION TEMPERATURE APPROXIMATELY 450 DEG. F (232 DEG. C).

SECTION V - REACTIVITY DATA

STABILITY:
UNSTABLE ()
STABLE (X)

CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

INCOMPATIBILITY (MATERIAL TO AVOID):
ACIDS, STRONG OXIDIZERS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM

HAZARDOUS DECOMPOSITION OF BYPRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE, FUMES, SMOKE, AND ALDEHYDES UPON INCOMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION:

MAY OCCUR ()
WILL NOT OCCUR (X)

CONDITIONS TO AVOID: NONE

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:
INHALATION (X)
SKIN (X)
INGESTION (X)

HEALTH HAZARDS (ACUTE & CHRONIC): SKIN IRRITATION

ORAL:
LD50: >25 ML/KG - RAT

DERMAL:
LD50: >4 ML/KG - RABBIT

INHALATION:
LC50: >700 PPM /4H - RAT

CARCINOGENICITY:
NTP: NO
IARC MONOGRAPHS: NO
OSHA REGULATED: NO

SIGNS & SYMPTOMS OF EXPOSURE:
SKIN OR EYE IRRITATION, DIZZINESS, OR HEADACHE.

MEDICAL CONDITIONING GENERALLY AGGRAVATED BY EXPOSURE:
SKIN OR RESPIRATORY ALLERGIES.

EMERGENCY & FIRST AID PROCEDURES:

EYE CONTACT:
HIGH VAPOR CONCENTRATION MAY BE IRRITATING. IF LIQUID GETS INTO EYE, IRRIGATE EYE WITH WATER FOR 15 MINUTES WITH LID OPEN. SEE DOCTOR.

SKIN CONTACT:
PROLONGED & REPEATED EXPOSURE MAY DRY THE SKIN. IF CLOTHING GETS WET, REMOVE AND WASH EXPOSED AREA WITH WATER. APPLY SKIN LOTION OR LANOLIN CREAM. IF IRRITATION RESULTS, SEE DOCTOR.

INHALATION:
VAPORS MAY RESULT IN IRRITATION TO NOSE, THROAT & RESPIRATORY TRACT. HIGH VAPOR CONCENTRATION CAN CAUSE HEADACHE & DIZZINESS, AND RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION. REMOVE TO FRESH AIR. USE OXYGEN OR ARTIFICIAL RESPIRATION IF REQUIRED.

INGESTION:
DO NOT INDUCE VOMITING. CALL DOCTOR. IF MORE THAN 2.0 ML/KG IS INGESTED AND VOMITING HAS NOT OCCURRED, THEN EMESIS COULD BE INDUCED WITH DOCTORS SUPERVISION. IF VOMITING OCCURS, KEEP HEAD BELOW HIP TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
USE ABSORBENT MATERIAL OR SAND. SHOVEL INTO WASTE CONTAINER. DISPOSE OF PROPERLY.

WASTE DISPOSAL METHOD:
RECLAIM BY DISTILLATION OR HAVE DISPOSAL PERFORMED BY A LICENSED WASTE HAULER.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:
STORE IN COOL AREA AWAY FROM HEAT OR OPEN FLAMES. ALL PRECAUTIONS APPLY TO EMPTY CONTAINER.

OTHER PRECAUTIONS:
NOT BIODEGRADABLE. SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP WORK AREA CONCENTRATION BELOW APPLICABLE SAFETY LEVELS.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE

VENTILATION:

LOCAL EXHAUST:
NONE. SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP WORK AREA CONCENTRATION BELOW APPLICABLE SAFETY LEVELS.

SPECIAL: NONE

MECHANICAL (GENERAL): WELL VENTILATED ROOM

PROTECTIVE GLOVES: NITRILE

EYE PROTECTION: CHEMICAL SPLASH GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
FOR CONSTANT USE, NITRILE GLOVES AND SOLVENT RESISTANT APRON ARE RECOMMENDED. WEAR GOGGLES AS APPROPRIATE.

WORK/HYGIENIC PRACTICES: USE SKIN LOTION OR CREAM IF GLOVES ARE NOT WORN.

SECTION IX - TRANSPORTATION INFORMATION

DOMESTIC (DOT):
GROUND: COMBUSTIBLE LIQUID, N.O.S., NOT REGULATED UNDER 49 CFR
AIR: USE INTERNATIONAL REGULATIONS

INTERNATIONAL (ICAO/IATA):
PETROLEUM DISTILLATES, N.O.S., CLASS 3, UN1268, PACKAGING GROUP III