

GRAYMILLS CORP -- SUPER AGITENE 141 -- 6850-01-098-0264

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Product Identification
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Product ID: SUPER AGITENE 141
MSDS Date: 06/06/1997
FSC: 6850
NIIN: 01-098-0264
Status Code: A
MSDS Number: CKNRH
=== Responsible Party ===
Company Name: GRAYMILLS CORP
Address: 3705 N LINCOLN AVE
City: CHICAGO
State: IL
ZIP: 60613-3517
Country: US
Info Phone Num: 312-477-4100 / FAX 312-477-8673
Emergency Phone Num: (800)424-9300
Preparer's Name: R.C. PATEL
Chemtrec Ind/Phone: (800)424-9300
CAGE: 26023

==== Contractor Identification ====

Company Name: BIOGST, INC
Address: 2564 WIGWAM PKY NO 401
Box: City: HENDERSON
State: NV
ZIP: 89014
Country: US
Phone: 702-897-4906
Contract Num: SP0450-00-M-SD10
CAGE: 1B6W0
Company Name: GRAYMILLS CORP
Address: 3705 N LINCOLN AVE
Box: City: CHICAGO
State: IL
ZIP: 60613-3594
Country: US
Phone: 847-256-9975/FAX 847-256-9976
CAGE: 26023

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Composition/Information on Ingredients
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Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

CAS:64742-88-7

> Wt:97.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DIPROPYLENE GLYCOL METHYL ETHER

CAS:34590-94-8

RTECS #:JM1575000

< Wt:1.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 100 PPM

ACGIH TLV:S,100PPM/150 STEL;96

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 25ML/KG

Routes of Entry: Inhalation

:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE AND CHRONIC: EYE: HIGH VAPOR

CONCENTRATION MAY BE IRRITATING. SKIN: IRRITATION. PROLONGED AND REPEATED EXPOSURE MAY DRY THE SKIN. INHALATION: VAPORS MAY RESULT IN IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT. HIGH VAPOR CONCENTRATION CAN CAUSE HEADACHE AND DIZZINESS, AND RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity:NOT P

ROVIDED

Effects of Overexposure:SKIN OR EYE IRRITATION, DIZZINESS OR HEADACHE.

Medical Cond Aggravated by Exposure:SKIN OR RESPIRATORY ALLERGIES.

===== First Aid Measures =====

First Aid:EYE: IF LIQUID GETS INTO EYE, IRRIGATE EYE WITH WATER 15

MINUTES WITH LID OPEN. SEE DOCTOR. SKIN: IF CLOTHING GETS WET, REMOVE AND WASH EXPOSED AREA WITH WATER. APPLY SKIN LOTION OR LANOLIN CREAM. IF IRRITATION RESULTS, SEE DOCTOR. INHALATION: REMOVE TO FR

ESH 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 DOCTOR'S SUPERVISION. IF VOMITING
OCCURS, KEEP HEAD BELOW HIP TO PREVENT ASPIRATION OF LIQUID INTO
LUNGS.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:=60.6C, 141.F
Autoignition Temp:=232.2C, 450.F
Autoignition
Temp Text:APPROX
Lower Limits:0.9 %
Upper Limits:7.0 %
Extinguishing Media:CO2, FOAM, DRY CHEMICALS, WATER SPRAY (FOG)
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/Explosion Hazard:COMBUSTIBLE LIQUID, DRUMS COULD FRACTURE
IF HEATED.

===== Accidental Release Measures =====

Spill Release Procedures:USE ABSOR
BENT MATERIAL OR SAND. SHOVEL INTO
WASTE CONTAINER. DISPOSE OF PROPERLY.
Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL AREA AWAY FROM HEAT OR
OPEN FLAMES. ALL PRECAUTIONS APPLY TO EMPTY CONTAINERS.
Other Precautions:NOT BIODEGRADABLE. SUFFICIENT VENTILATION IN VOLUME
AND PATTERN TO KEEP AREA CONCENTRATION BELOW APPLICABLE SAFETY
LEVELS.

===== Exposure Controls/Personal
Protection =====

Respiratory Protection:NONE
Ventilation:SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP WORK
AREA CONCENTRATION BELOW APPLICABLE SAFETY LEVELS. WELL VENTILATED
ROOM
Protective Gloves:NITRILE.
Eye Protection:CHEMICAL SPLASH GOGGLES.
Other Protective 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.
Supplemental

Safety and Health
NEW FORMULATION.

===== Physical/Chemical Properties =====

HCC:F4
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:360-410F
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:< 5 @ 100F/38C
Vapor Density:5.3
Spec Gravity:0.8
VOC Pounds/Gallon:800
pH:NOT RELEVANT
Viscosity:NOT PROVIDED
Evaporation Rate & Reference:< 0.1 (N-BUTYL ACETATE=1)
Solubility in Water:INSOLUBLE
Appearance and Odor:CLEAR GREEN LIQUID, MILD MINERAL SPIRITS ODOR
Corrosion Rate:NOT PROVIDED

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
ACIDS, STRONG OXIDIZERS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN,
SODIUM HYPOCHLORITE AND CALCIUM HYPOCHLORITE.
Stability Condition to Avoid:KEEP AWAY FROM HEAT, SPARKS, AND OPEN
FLAMES.
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
FUMES, SMOKE AND ALDEHYDES UPON INCOMPLETE COMBUSTION.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

Ecological:NOT PROVIDED

===== Disposal Considerations =====

Waste Disposal Methods:RECLAIM BY DISTILLATION OR HAVE DISPOSAL
PERFORMED BY LICENSED WASTE HAULER.

===== MSDS Transport Information =====

Transport 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, PACKING GROUP III.

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===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED
Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

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===== Other Information =====

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