

GRAYMILLS CORPORATION

MATERIAL SAFETY DATA SHEET

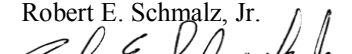
Conforms to OSHA form No. 1218-0072
Complies with OSHA hazard communication
standard, 29CFR1910.1200

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 (CHEMTREC) DATE PREPARED: June 30, 2011 PREPARED BY: Robert E. Schmalz, Jr. PREPARERS SIGNATURE: 
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SECTION II - INGREDIENTS/IDENTITY INFORMATION

SPECIFIC CHEMICAL IDENTITY/COMMON NAME(S):	OSHA PEL	ACGIH TLV	CAS# (*see note)	CONCENTRATION RANGE %
Aliphatic Petroleum Distillate DPM (Dipropylene Glycol Methyl Ether)	100 ppm 100 ppm	100 ppm 100 ppm	64742-88-7* 34590-94-8	>97% <1%

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE (FAHRENHEIT): 360°- 410°F/182°-210°C VAPOR PRESSURE (mm Hg @ 68°F/20°C): .23 VOC CONTENT: 800 g/l	SPECIFIC GRAVITY (WATER=1): .8 MELTING POINT: N/A 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°F-145°F/61.1°C-62.8°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°F (232°C).

SECTION V- REACTIVITY DATA

STABILITY: Unstable ☐ Stable ☒

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 ☒

CONDITIONS TO AVOID: None

SECTION VI- HEALTH HAZARD DATA

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

HEALTH HAZARDS (ACUTE & CHRONIC):	Skin irritation Dermal: LD ₅₀ > 4 ml/kg - Rabbit	Oral: LD ₅₀ > 25 ml/kg - Rat Inhalation: LC ₅₀ > 700 ppm /4H - Rat
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CARCINOGENICITY:	NTP	IARC MONOGRAPHS	OSHA REGULATED
	NO	NO	NO

SIGNS & SYMPTOMS OF EXPOSURE:	Skin or eye irritation, dizziness, or headache.
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MEDICAL CONDITIONING GENERALLY AGGRAVATED BY EXPOSURE:	Skin or respiratory allergies.
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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.

<u>Inhalation:</u>	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.
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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.
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WASTE DISPOSAL METHOD:	Reclaim by distillation or have disposal performed by a licensed waste hauler.
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PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:	Store in cool area away from heat or open flames. All precautions apply to empty container.
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OTHER PRECAUTIONS:	Not biodegradable. Sufficient ventilation in volume and pattern to keep work area concentration below applicable safety levels.
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SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE):	None
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VENTILATION	
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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
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EYE PROTECTION:	Chemical splash goggles
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OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	For constant use, Nitrile gloves and solvent resistant apron are
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	recommended. Wear goggles as appropriate.
WORK/HYGIENIC PRACTICES:	Use skin lotion or cream if gloves are not worn.

SECTION IX - TRANSPORTATION INFORMATION

DOMESTIC (DOT)

<u>DOMESTIC (DOT)</u>	
GROUND:	Combustible liquid, N.O.S., not regulated under 49 CFR
AIR:	Use international regulations

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Petroleum distillates, N.O.S., Class 3, UN1268, Packaging Group III

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