

**GRAYMILLS CORPORATION
MATERIAL SAFETY DATA SHEET**

Parts Washer

NFPA HAZARD RATING

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

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

IDENTITY: **Super Agitene**
CHEMICAL FAMILY: **Cleaning compound (Combustible Liquid)**

SECTION I

MANUFACTURERS NAME: Graymills Corporation	EMERGENCY #: 1-800-424-9300 (CHEMTREC)
ADDRESS: 3705 North Lincoln Ave. Chicago, Illinois 60613	TELEPHONE #: 1-773-248-6825
	DATE PREPARED: May 15, 2005
	PREPARERS SIGNATURE: <i>R. C. Patel</i>

SECTION II - INGREDIENTS/IDENTITY INFORMATION

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

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE (FAHRENHEIT): 318°- 388°F/159°-198°C	SPECIFIC GRAVITY (WATER=1): .78
VAPOR PRESSURE (mm Hg @ 68°F/20°C): 1.5	MELTING POINT: N/A
VOC CONTENT: 780 g/l	EVAPORATION RATE (n-Butyl acetate=1): .15
	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): 105°F/40.5°C (Tag CC ASTM D56)

FLAMMABLE LIMITS:
LEL: 0.6%
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 hypochlorite, and calcium hypochlorite.

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

*CAS # for component could vary from different suppliers due to different manufacturing processes. Specs per Shell MSDS 7.591-4 SA.PUB

SECTION VI- HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION <input checked="" type="checkbox"/>	SKIN <input checked="" type="checkbox"/>	INGESTION <input checked="" type="checkbox"/>
HEALTH HAZARDS (ACUTE & CHRONIC):	Skin irritation Dermal: LD ₅₀ > 4 ml/kg - Rat	Oral: LD ₅₀ > 4000 mg/kg - rat Inhalation: LC ₅₀ > 3670 ppm/8 Hr. - Rat	
CARCINOGENICITY:	NTP <input type="checkbox"/> NO	IARC MONOGRAPHS <input type="checkbox"/> NO	OSHA REGULATED <input type="checkbox"/> 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 nemesis 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	

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