



**GRAYMILLS  
SUPER AGITENE**

Revised: 1/11/1996

**Item Number:**  
2W352

**Mfg. Model Number:**  
M5005

2W352

GRAYMILLS CORPORATION  
MATERIAL SAFETY DATA SHEET

CONFORMS TO OSHA FORM NO. 1218-0072	NFPA HAZARD RATING	
COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD, 29CFR1910.1200	HEALTH	1
	FLAMMABILITY	2
	REACTIVITY	0

IDENTITY: SUPER AGITENE  
CHEMICAL FAMILY: CLEANING COMPOUND (COMBUSTIBLE LIQUID)

SECTION I

MANUFACTURER'S NAME: GRAYMILLS CORPORATION  
ADDRESS: 3705 NORTH LINCOLN AVE.  
CHICAGO, ILLINOIS 60613

EMERGENCY #: 1-800-424-9300 (CHEMTREC)  
TELEPHONE #: 1-312-477-4100  
DATE PREPARED: JANUARY 11, 1996  
PREPARER'S SIGNATURE: R.C. PATEL

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME(S)):	OSHA PEL	ACGIH TLV	CAS#	CONCENTRATION RANGE %
ALIPHATIC PETROLEUM DISTILLATE	100 PPM	100 PPM	64742-47-8	>97%
DPM (DIPROPYLENE GLYCOL METHYL ETHER)	100 PPM	100 PPM	34590-94-8	<1%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE (FAHRENHEIT): 318-388	SPECIFIC GRAVITY (WATER=1): .78
VAPOR PRESSURE (MM HG @ 25C): 10.0	MELTING POINT: N/A
(PSI @ 100F): 0.4	EVAPORATION RATE (N-BUTYL ACETATE=1): <0.1
VAPOR DENSITY (AIR=1): 4.8	VISCOSITY (@ 25C): 1.12 CPS
VOC CONTENT: 780 G/L	SOLUBILITY IN WATER: INSOLUBLE
PH: N/A	
APPEARANCE & ODOR: CLEAR GREEN LIQUID, MILD MINERAL SPIRITS ODOR.	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 110F (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. AUTOIGNITION TEMPERATURE APPROXIMATELY 450F (232C).

## 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 HYPOCHLORITE AND CALCIUM HYPOCHLORITE.  
HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: 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 >4000 MG/KG - RAT  
DERMAL: LD50 >2200 MG/KG - RABBIT INHALATION: LD50 >5000 PPM - RAT

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

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

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

EMERGENCY & FIRST AID PROCEDURES:

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

SKIN CONTACT: PROLONGED & REPEATED EXPOSURE MAY DRY THE SKIN. WASH EXPOSED AREA WITH WATER & APPLY SKIN LOTION OR LANOLIN CREAM.

INHALATION: EXCESSIVE INHALATION MAY RESULT IN IRRITATION TO NOSE, THROAT & RESPIRATORY TRACT. VERY HIGH VAPOR CONCENTRATION CAN CAUSE HEADACHE & DIZZINESS.

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

## 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. WASTE DISPOSAL #D001.

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

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RESPIRATORY PROTECTION (SPECIFY TYPE): NONE.

VENTILATION:

LOCAL EXHAUST: NONE

MECHANICAL (GENERAL): GENERAL ROOM VENTILATION

SPECIAL: NONE

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

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DOMESTIC (DOT)

GROUND: COMBUSTIBLE LIQUID, N.O.S., COMBUSTIBLE LIQUID, NA1993, III

AIR: USE INTERNATIONAL REGULATIONS

INTERNATIONAL (ICAO/IATA)

PETROLEUM DISTILLATES, N.O.S., 3, UN1268, III, CLASS 65.

EXCEPTIONS: LIMITED QUANTITY UP TO 5L (FOR PLASTIC, METAL AND ALUMINUM CONTAINERS; 2.5L FOR GLASS).

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