SAFETY DATA SHEET

WORKING COPY

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Date issued : 04/14/2015
SDS number : Super Agitene

Super Agitene

1. Identification

Product code: 66780
Product identifier: Super Agitene
Product description: Solvent Blend
Alternate product identifier(s): M5005-5, M5005GR, M8400
Generic name: Super Agitene
Relevant identified uses: Cleaning Compound

Manufacturer / Supplier

Graymills Corporation
2601 S. 25th Avenue
Broadview, IL 60155
Customer Service: 1-773-248-6825

Emergency telephone number (24 hour)

AAPCC Poison Help : (800) 424-9300
CANUTEC (Canadian Transportation) : (613) 996-6666
CHEMTREC (US Transportation) : (800) 424-9300

2. Hazard identification

Classification of the substance or mixture

Flammable Liquids, Category 4
Acute Toxicity (Oral), Category 4

Health hazards:

Acute Toxicity (Inhalation), Category 4
Skin Corrosion, Category 2
Skin Irritation, Category 2
Serious Eye Damage, Category 2
Eye Irritation, Category 2
Target Organ Toxicity (Single exposure), Category 3
Aspiration Hazard, Category 1

Label elements

Combustible Liquid


Health hazard


Flame


Exclamation mark

Signal word: DANGER

Hazard statement(s)

H227: Combustible liquid.
H332: Harmful if inhaled.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
H320: Causes eye irritation.
H316: Causes mild skin irritation.
H302: Harmful if swallowed.
H402: Harmful to aquatic life.
H335: May cause respiratory irritation.

Precautionary statement(s)

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Prevention:

P102: Keep out of reach of children.
P103: Read carefully and follow all instructions.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response:

P101: If medical advice is needed, have product container or label at hand.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

Disposal:

PHRASE NOT TRANSLATED - Code = P501-1-1

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Distillates, Petroleum, Hydrotreated Light	> 97	64742-47-8
Dipropylene Glycol Methyl Ether	< 1	34590-94-8

4. First-aid measures

Eye: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin: Remove contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Ingestion: Do not induce vomiting. Call doctor. If more than 2ml/kg is ingested and vomiting has not occurred, then emesis could be induced with a doctor's supervision. If vomiting occurs, keep head below hip to prevent aspiration of liquid into lungs.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If unconcious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Most important symptoms and effects, both acute and delayed

Eye: Adverse symptoms may include pain or irritation, watering, and redness.

Skin: Adverse symptoms may include irritation and redness.

Ingestion: Adverse symptoms may include nausea and vomiting.

Inhalation: Adverse symptoms may include respiratory tract irritation and coughing.

Indication of immediate medical attention and special treatment needed, if necessary: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gatsric lavage. If patient is obtunded, protect the airway by endotracheal intubation or by placement of the body in a trendelenburg and left lateral decubitus position.

5. Fire-fighting measures

Flammable class: Combustible Class 2 liquid.

Suitable extinguishing media: Dry chemical, alcohol foam or carbon dioxide or water spray (fog). Water may be ineffective. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

Hazardous combustion products: On combustion, may emit toxic fumes of carbon monoxide.

Explosion hazards: Above flash point, vapor-air mixtures are explosive within flammable limits noted. Vapors can flow along surfaces to distant ignition sources and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture

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when heated. This material may produce a floating fire hazard. Sensitive to static discharge.

Fire fighting procedures: Promtly remove all persons from the vicinity of the incident if there is a fire. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire fighting equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire explosion: In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous decomposition products: Decomposition products may include carbon dioxide and carbon monoxide.

6. Accidental release measures

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop if water-soluble. Alternately, or if water-soluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

General procedures: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Water polluting material. May be harmful to the environment if released in large quantities.

Special protective equipment: Put on appropriate personal protective equipment (protective gloves, clothing, eye protection, and face protection). Wear appropriate respirator when ventilation is inadequate. Use explosion-proof equipment. Use only non-sparking tools.

7. Handling and storage

Precautions for safe handling: Loosen closure cautiously before opening. Keep away from heat and flame. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area in original container protected from sunlight in a dry, cool and well-ventilated and approved area away from incompatible materials. Keep container closed to prevent drying out. Move container away from oxidizing materials. Use appropriate containment to avoid environmental contamination.

Electrostatic accumulation hazard: Always bond receiving containers to the fill pipe before and during loading. Always confirm that the receiving container is properly grounded. In addition to bonding and grounding, efforts to mitigate these hazards may include proper ventilation and/or the reduction of transfer velocities.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	**Type**		**ppm**	**mg/m³**
Dipropylene Glycol Methyl Ether	**OSHA PEL**	**TWA**	100	600
	ACGIH TLV	**TWA**	100	606
		STEL	150	909

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Individual protection measures, such as personal protective equipment

Eye / face protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin protection - hand protection: Glove permeation data does not exist for this material. Viton or heavy nitrile rubber gloves should be used for splash protection only.

Respiratory protection: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Skin protection - other: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

9. Physical and chemical properties

Appearance: Clear green liquid

Odor: Mild Mineral Spirits Odor

Physical state comments: Combustible Liquid

pH: ug/l- Asterias Rubensg/l- Asterias RubensNA = Not Applicable

Initial boiling point and boiling range: 159°C (318°F) to 198°C (388°F)

Flash point: 40.5°C (105°F) Tag Closed-Cup (ASTM D56)

Evaporation rate (n-butyl acetate = 1): 0.15

Lower explosion limit / flammability limit: 0.6%

Upper explosion limit / flammability limit: 7.0%

Vapor pressure: 1.5 mm Hg

Density: 6.49 at 21.1°C (70°F)

Relative density: 0.78

Solubility: This product is insoluble in water

VOC content: 78 g/l

10. Stability and reactivity

Reactivity: Not expected to be explosive, self-reactive, self-heating, or an organic peroxide under US GHS definitions.

Dangerous polymerization: Product will not undergo polymerization.

Chemical stability: Stable under ordinary conditions of use and storage.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

Hazardous decomposition products: Carbon dioxide and carbon monoxide may be formed when heated to decomposition.

Incompatible materials: Strong oxidizers like liquid chlorine, acids, concentrated oxygen, sodium hypochlorite, and calcium hypochlorite.

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD_{50}: > 4 mg/kg

Notes: Rat

Acute oral toxicity LD_{50}: > 4000 mg/kg

Notes: Rat

Acute inhalation toxicity LC_{50}: > 3670 ppm/8 hrs

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Notes: Rat

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: Not listed

NTP: Not listed

OSHA: Not listed

Reproductive toxicity: There were no treatment related effects on pregnancy rate, mortality or gross post mortem observations in animal studies utilizing mineral spirits containing less than 2% aromatics.

12. Ecological information

Ecotoxicological information: This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

Aquatic toxicity, both acute and chronic

96-hour LC_{50}: 2-5 ug/l- Raindow Trout

48-hour EC_{50}: 1.4 mg/l- Water Flea (Daphnia magna)

Notes: Toxic to aquatic life with long lasting effects.

Persistence and degradability: This product is immiscible with water and is not inherently biodegradable.

Other adverse effects: This product will normally float on water. Components will evaporate rapidly. This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment. The log Kow value for this product is expected to be in the range of 3.3-6.

13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized whenever possible. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved waste facility. Dispose in accordance with all local, state, and federal regulations.

For large spills: Do not allow product to reach sewage system.

Product disposal: Disposal must be made according to official regulations.

Empty container: Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container.

RCRA hazard class: RCRA classification- D001, D018

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not regulated under 49 CFR

ICAO / IATA - air

UN proper shipping name: Use International Regulations

IMO / IMDG - International

UN proper shipping name: UN1268,Petroleum Distillates,N.O.S.,(Naphtha Solvent)

15. Regulatory information

UNITED STATES

TSCA (The Toxic Substances Control Act)

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Dipropylene Glycol Methyl Ether	34590-94-8

16. Other information

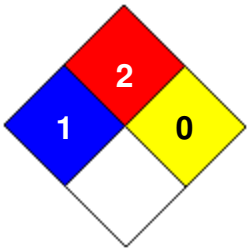
Prepared by: James DePhillips **Date Prepared:** 04/14/2015

Information contact: Graymills Corporation

HMIS rating

Health	1
Flammability	2
Physical hazard	0
Personal protection	H

NFPA codes



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