



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

U.S. Department of Labor-Occupational Safety and Health Administration (Non-Mandatory Form) May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements. Form Approved OMB No. 1218-

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN INTERNATIONAL CORPORATION Chemtrec Emergency Telephone No: 800-424-9300
24 MADISON ROAD Chemtrec International Telephone No: 703-527-3887
FAIRFIELD, NJ 07004 (Collect Calls Accepted)
Tel. # 973-439-1401 Revision Date: 9/13/2011

Identity (As used on Label and List): **JEECHEM GMS-450**
CAS #: 123-94-4; 31566-31-1; 11099-07-3; 85666-92-8
Chemical Name: GLYCERYL STEARATE
Product Class: FATTY ACID ESTER

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Emergency Overview:

Caution

Form: Beads, Color: White, Odor: mild fatty
Hazard Summary: Handle in accordance with good industrial hygiene and safety practice.
OSHA Hazards: NO OSHA HAZARDS

Potential Health Effects

Primary Routes of Entry: Eyes, Skin, Inhalation, Ingestion
Inhalation: No information available
Skin: No hazards to be specially mentioned.
Eyes: No hazards to be specially mentioned.
Ingestion: No hazards to be specially mentioned.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS-NO.	WEIGHT %
GLYCERIDES, C14-18 MONO- AND DI-	67701-33-1	87,00
GLYCERIDES , C14-18	67701-27-3	10,00
GLYCEROL	56-81-5	1,00
FATTY ACIDS, C14-18	67701-02-4	1,00
WATER	7732-18-5	1,00

SECTION 4- FIRST AID MEASURES

FIRST AID PROCEDURES

INHALATION: No special precautions required
SKIN CONTACT: After contact with skin, wash immediately with plenty of soap and water. If skin irritation persists, call a physician.
EYE CONTACT: Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.
INGESTION: If swallowed, do not induce vomiting – seek medical advice. Immediately give large quantities of water to drink. Never give anything by mouth to an unconscious person.



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 399°F (204°C) METHOD: DIN 51376
IGNITION TEMPERATURE: REMARKS: No data available
LOWER EXPLOSION REMARKS: Not applicable
UPPER EXPLOSION LIMIT: REMARKS: Not applicable

FIRE FIGHTING

SUITABLE EXTINGUISHING MEDIA Dry power, water spray, foam
FURTHER INFORMATION: Use water spray to cool unopened containers.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

HAZARDS DURING FIREFIGHTING: Heating or fire can release toxic gas.
PROTECTIVE EQUIPMENT: In the event of fire, wear self-contained breathing apparatus for fire fighters.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment
ENVIRONMENTAL PRECAUTIONS: Prevent product from entering drains.
METHODS FOR CONTAINMENTS/
CLEANING UP: Sweep up with vacuum for spillage and collect in suitable containers for disposal.

SECTION 7 – HANDLING AND STORAGE

HANDLING

HANDLING: No special precautions required
PROTECTION AGAINST
FIRE AND EXPLOSION: Avoid dust information. Take precautionary measures against static discharges.

STORAGE

REQUIREMENTS FOR STORAGE:
AREAS AND CONTAINERS: Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight.
Keep in cool and well ventilated place.

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE GUIDELINES

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

COMPONENTS	CAS-No.	VALUE	CONTROL PARAMETERS	UPDATE	BASIS
GLYCEROL	56-81-5	TWA	10 mg/m ³	2009	ACGIH

PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION: Safety glasses with side shields.
HAND PROTECTION: Wear suitable gloves.
SKIN AND BODY PROTECTION: Wear suitable protective clothing and gloves.
RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.
HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

FORM: Beads
COLOR: White
ODOR: Mild Fatty

SAFETY DATA

FLASH POINT: 399°F (204°C), METHOD: DIN 51376
IGNITION TEMP: REMARKS: No data available
LOWER EXPLOSION LIMIT: Note: not applicable
UPPER EXPLOSION LIMIT: Note: not applicable
MELTING POINT/RANGE: 136-144°F (58-62°C)
BOILING POINT/RANGE: NOTE: no data available
VAPOR PRESSURE: NOTE: no data available
DENSITY: NOTE: no data available
WATER SOLUBILITY: NOTE: dispersible
VISCOSITY, DYNAMIC: NOTE: not applicable
CONDITIONS TO AVOID: REMARKS: no data available
MATERIALS TO AVOID: REMARKS: acids, strong oxidizing agents, bases.
HAZARDOUS DECOMP. PRODUCTS: NOTE: Carbon oxides, Heating or fire can release toxic gas.
HAZARDOUS REACTIONS: Hazardous polymerization does not occur. Note: stable under normal conditions.

SECTION 10- HANDLING AND STORAGE

HANDLING:

No special precautions required.

ADVICE ON PROTECTION**FOR FIRE&EXPLOSION:**

Avoid dust formation. Take precautionary measures against static discharges.

STORAGE:

REQUIREMENTS FOR STORAGE: Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place.

SECTION 11- TOXICOLOGICAL INFORMATION

FURTHER INFORMATION:

Information given is based on data on the components and the toxicology of similar products. Not data is available on the product itself.

FOR TOXICOLOGICAL DATA**REFER TO:**

(CAS-NO.:67701-33-1)

ACUTE ORAL TOXICITY:

LD50 Rat. Dose:> 5 000 mg/kg

ACUTE INHALATION TOXICITY:

REMARKS: No data available.

SKIN IRRITATION:

Rabbit Result: nonirritant.

EYE IRRITATION

Rabbit Result: non irritant

SENSITISATION:

Remarks: no data available

SECTION 12- ECOLOGICAL INFORMATION

**ADDITIONAL ECO. INFO.:
FOR EXOTOXICOLOGICAL**

Given is based on data on the components and the information ecotoxicology of similar products.

DATA REDER TO:

(CAS-No.:67701-33-1)

ACUTE FISH TOXICITY:

ACUTE TOXICITY LC5



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

SECTION 12- ECOLOGICAL INFORMATION CONTINUED

SPECIES: FISH
CONCENTRATION: 5 000,00- 10 000,00 mg/l
Method: Literary reference
TOXICITY TO BACTERIA: Growth inhibition EC10
Species: Bacteria
Dose: 600,00-10 000,00 mg/l
Method: Literary reference

SECTION 13- DISPOSAL CONSIDERATIONS

FURTHER INFORMATION: The organic ingredients can be incinerated in a suitable installation when in accordance with local regulations. Dispose of in compliance with a ll federal, state and local laws and regulations.

SECTION 14- TRANSPORT INFORMATION

DOT: Not dangerous goods
TDG: Not dangerous goods
IATA: Not dangerous goods
IMDG-CODE: Not dangerous goods
RID: Not dangerous goods

SECTION 15- REGULATORY INFORMATION

OSHA HAZARDS: No OSHA Hazards
TSCA STATUS: All components of this product are currently listed on the EPA TSCA 8(b) inventory list or are incidental byproducts.
SARA 311/312 HAZARDS: NO SARA HAZARDS.

EPCRA – EMERGENCY PLANNING COMMUNITY RIGHT – TO – KNOW

SARA 302 COMPONENTS: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III Section 302.
SARA 313 COMPONENTS: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US STATE REGULATIONS
MASSACHUSETTS RIGHT TO
KNOW COMPONENTS:**

GLYCEROL 56-81-5
LISTED

**PENNSYLVANIA RIGHT TO
KNOW COMPONENTS:**

GLYCEROL 56-81-5
LISTED

**NEW JERSEY RIGHT TO
KNOW COMPONENTS:**

GLYCEROL 56-81-5
LISTED

**CALIFORNIA PROP. 65
COMPONENTS:**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

SECTION 16 - OTHER INFORMATION

Disclaimer: As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with applicable federal, state and local regulations remains the responsibility of the user.

This data is offered in good faith as typical values and not as product specifications. No warranty is either expressed or implied. The safety information and recommendations are believed to be generally applicable; however, the user should review these recommendations in the specific context of their intended use, and determine whether they are appropriate.