

# MATERIAL SAFETY DATA SHEET

## THE HALLSTAR COMPANY

### Section 1 - Identification of Substance and Company

**Product Name:** HALLSTAR® GMS SE/AS

**Product Code:** H022

**Chemical Name:** Glyceryl Monostearate

**Supplier:** The HallStar Company <sup>(1)</sup>  
120 S. Riverside Plaza Suite 1620 PH: (877) 427-4255  
Chicago, Illinois 60606  
USA

**HMIS**  
Health: 1  
Flammability: 1  
Reactivity: 0  
Gloves & Safety Glasses

**Emergency Phone Numbers:** The HallStar Company (708) 594 - 5999  
CHEMTREC (transportation) (800) 424 - 9300

### Section 2 - Information on Ingredients

Chemical Name	CAS #	%
PEG-100 Stearate	9044-99-3	40 - 60%
Glyceryl Distearate	1323-83-7	20 - 30%
Glyceryl Monostearate	123-94-4	20 - 30%
Glycerin	56-81-5	0 - 6%

### Section 3 - Hazard Identification

**Appearance/Odor:** Flake, off-white color

**Potential Health Effects**

**Skin Contact:** Not expected to be a primary skin irritant. Prolonged or excessive skin contact may cause mild skin irritation.

**Eye Contact:** May cause slight eye irritation.

**Ingestion:** Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea.

**Inhalation:** Inhalation of vapors may be irritating to the respiratory system.

### Section 4 - First Aid Measures

**Skin Contact:** Wash affected skin with soap and water. Seek medical attention.

**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

**Ingestion:** Rinse mouth thoroughly and seek medical attention.

**Inhalation:** Person should be moved to a fresh air environment.

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### Section 5 - Explosion and Fire-Fighting Measures

**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Water Fog, Foam  
**Special Fire-Fighting Procedures:** A MSHA/NIOSH approved self contained breathing apparatus should be worn. Use water spray to cool fire-exposed containers.  
**Unusual Fire and Explosion Hazards:** Unknown

### Section 6 - Accidental Release/Spill Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Contain the spill and transfer material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

### Section 7 - Handling and Storage

Containers should be kept tightly closed and stored in a dry well-ventilated place. Do not handle or store near an open flame, heat or other sources of ignition.

### Section 8 - Personal Protection

**Hand Protection:** Impervious gloves  
**Eye Protection:** Safety glasses with side shields  
**Respiratory Protection:** None required for normal operation. Dust mask may be worn if material becomes dusty.  
**Engineering Measures:** Direct exhaust when material becomes a dust hazard.  
**Other:** Eyewash facility in vicinity.

### Section 9 - Physical and Chemical Properties

<b>Boiling Point:</b>	Unknown	<b>Specific Gravity:</b>	0.9736 @25° C
<b>Flash Point (COC):</b>	>460° F	<b>pH (5% solution):</b>	3.5 - 6.5
<b>Melting or Freezing Point:</b>	<132.8° F	<b>Solubility in Water:</b>	Dispersible
<b>Appearance and Odor:</b>	Flake, off-white color		

### Section 10 - Stability and Reactivity

**Stability:** This product is stable under normal conditions.  
**Conditions to Avoid:** May react with strong alkalies.  
**Hazardous Decomposition Products:** None under normal use conditions.  
**Hazardous Polymerization:** Will not occur under normal circumstances.

### Section 11 - Toxicological Information

No information is available.

**Product Name: HALLSTAR® GMS SE/AS**

### Section 12 - Ecological Information

No ecological information is available.

### Section 13 - Disposal Considerations

**Waste Disposal Methods:** Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

### Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

### Section 15 - Regulatory Information

This product is listed on the following inventories: USA (TSCA), Canada (DSL), Australia (AICS), Europe (EINECS), Japan (ENCS), Korea (ECL), China (EICS), Philippines (PICCS).

**Superfund Amendments and Reauthorization Act (SARA):** This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

**California Proposition 65:** This product contains the following substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986:

1,4-dioxane (trace)

Ethylene Oxide (trace)

### Section 16 - Other Information

Prepared By: DCU

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

<sup>(1)</sup> Affiliated companies include RTD\*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.