

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: HALLSTAR® EGMS
Chemical Name: Ethylene Glycol Monostearate

Product Code: H004

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

HMIS
Health: 1
Flammability: 1
Reactivity: 0

Gloves, Safety Glasses & Dust Mask

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

Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS #</u>	<u>%</u>
Glycol Distearate	627-83-8	50-60
Ethylene Glycol Monostearate	111-60-4	40-50
Ethylene Glycol	107-21-1	2-3

Section 3 - Hazard Identification

Appearance/Odor: White Flake

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 if irritation persists.

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

Ingestion: Do not induce vomiting. Seek medical attention.

Inhalation: Person should be moved to a fresh air environment. If breathing is difficult, give oxygen. Seek medical attention.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: CO₂, Dry Chemical, Water Fog, Foam
Special Fire-Fighting Procedures: A MSHA/NIOSH approved self contained breathing apparatus should be worn. Firefighters should wear full apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
Unusual Fire and Explosion Hazards: Unknown

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Ventilate closed spaces before entering. Contain the spill with earth, sand or other non-combustible material 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. Surface may become slippery after spillage.

Section 7 - Handling and Storage

Containers should be kept tightly closed and stored in a cool, dry well-ventilated place. Avoid freezing or excessive heat. Good hygiene practices should be followed.

Section 8 - Personal Protection

Hand Protection: Impervious gloves
Eye Protection: Safety glasses with side shields, dust goggles.
Respiratory Protection: None required for normal operation.
Engineering Measures: A dust mask should be worn. Direct exhaust when material becomes heated and fumes are given off or dusting becomes a nuisance.
Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	>390°F	Specific Gravity:	0.9495
Flash Point (COC):	>390° F	pH (3% solution):	N/A
Melting or Freezing Point:	131° F	Solubility in Water:	Insoluble
Appearance and Odor:	White flake.		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Strong oxidizing agents and alkalis.
Hazardous Decomposition Products: None under normal use conditions.
Hazardous Polymerization: Will not occur under normal circumstances.

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Section 11 - Toxicological Information

Ethylene Glycol: Oral LD₅₀ (rat): >4000 mg/kg; Dermol LD₅₀ Rabbit: 9530 µL/kg.

Section 12 - Ecological Information

No ecological information is available at this time.

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

Toxic Substances Control Act (TSCA): This product listed on the TSCA inventory of the United States.

Domestic Substance List (DSL): This product is listed on the DSL inventory of Canada.

Australian Inventory of Chemical Substances (AICS): This product is listed on the AICS inventory of Australia.

European Inventory of Existing Chemical Substances (EINECS/Elincs/Polymer/NLP): This product is listed on the EINECS inventory of Europe.

Japan (ENCS): This product is listed on the ENCS inventory of Japan.

Korea (ECL): This product is listed on the ECL inventory of Korea.

China (EICS): This product is listed on the EICS inventory of China.

Philippines (PICCS): This product is listed on the PICCS inventory of the Philippines.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR part 372:

Hazards

Acute

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

Ethylene Glycol

%

1.0% de minimis concentration

California Proposition 65: This product does not contain any 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.

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Section 16 - Other Information

Prepared By: DCU

Revision Date: 05/10

Supersedes: 01/10

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.

⁽¹⁾ Affiliated companies include RTD*HallStar Inc., HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.