

Compound Solutions, Inc.

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Material Safety Data Sheet

Polymer Additives:

Glycerol Monostearate

Grades:

C-STAT 40, C-STAT 52, C-STAT 90

C-STAT 40/52/90

GLYCEROL MONOSTEARATE

Section 1: Product Identification

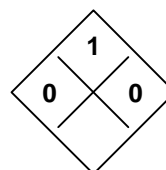
Product Names: C-STAT 40, C-STAT 52, C-STAT 90

Chemical Name: Glycerol Monostearate

Synonyms: GMS, glycerol monostearate

Chemical Family: Monoglyceride of fatty acids

Manufacturer: Compound Solutions, Inc.



NFPA RATING

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PROTECTIVE EQUIPMENT	B

HMIS RATING

SECTION 2: COMPOSITION

Product Name	CAS #	Exposure Limits				Carcinogen Status		
		ACGIH		OSHA		IARC	NTP	OSHA
		TWA	STEL	STEL	PEL			
C-STAT 90	31566-31-1	NE	NE	NE	NE	NE	NE	NE
C-STAT 52	67701-33-1	NE	NE	NE	NE	NE	NE	NE
C-STAT 40	67701-33-1	NE	NE	NE	NE	NE	NE	NE

Legend - Not Established - (NE) | Not Reviewed - (NR) | Level = mg/m³

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White, waxy powder

Odor: No significant odor.

Boiling Point: Greater than 250 °C

Specific Gravity: N/A

Vapor Pressure: N/A

Melting Point: Approximately 55 - 65 °C

Vapor Density: N/A

Evaporation Rate: N/A

Solubility in Water: Insoluble

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SECTION 4: FIRE AND EXPLOSION HAZARD

Flashpoint:	>100 °C
Flashpoint Method Used:	N/A
Auto-Ignition:	N/A
Explosion Limits:	LEL – Not applicable. UEL – Not applicable.
Extinguishing Media:	Carbon Dioxide, Dry chemical, Foam, Water
Fire Fighting Procedures:	Treat as burning melted fat. Extinguish with dry powder, carbon dioxide, foam or water fog. Do not use water jet.
Fire & Explosion Hazards:	Decomposition products may cause irritation to respiratory system.

SECTION 5: STABILITY AND REACTIVITY DATA

Chemical Stability:	Generally considered stable.
Conditions to Avoid:	Excess heat, flammables, sources of ignition.
Incompatibility:	None under normal processing.
Hazardous Decomposition:	Carbon Monoxide, Carbon Dioxide
Hazardous Polymerization:	Will not occur.

SECTION 6: HEALTH HAZARDS DATA

General;	No hazards are known under normal conditions of use.
Inhalation:	No toxic effects are known from inhalation of vapors.
Skin:	May cause mild transient skin irritation.
Ingestion:	Non toxic by ingestion. No treatment is necessary under normal circumstances.
Eye Contact:	May cause mild transient eye irritation.

SECTION 7: FIRST AID MEASURES

Inhalation:	Remove from area to fresh air if discomfort is felt.
Skin:	Wash area with plenty of soap and water for several minutes. Get medical attention if irritation persists.
Eye:	Immediately flush eyes with plenty of water. Get medical attention if irritation persists.
Ingestion:	No treatment is necessary under normal circumstances. Get medical attention if discomfort occurs.

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SECTION 8: ACCIDENTAL RELEASE MEASURES

Material Release or Spill: Spill area may be slippery. Sweep or vacuum and place into sealable container for disposal.

Waste Disposal Method: Waste must be disposed of in accordance with federal, state, and local environmental control regulations..

SECTION 9: CONTROL MEASURES

Respiratory Protection: Not required under normal use conditions.

Ventilation: Use local exhaust ventilation.

Protective Gloves: Not required under normal use conditions. Use good industrial hygiene practices when handling this product.

Eye Protection: Not required under normal use conditions.

SECTION 10: HANDLING AND STORAGE

Handling: Wash thoroughly after handling and before eating, drinking, or using tobacco products. In accordance with good industrial practice, handle with care and avoid unnecessary personal contact.

Storage: Keep away from heat and excessive direct sunlight. Keep in tightly sealed containers in a cool, dry place.

SECTION 11: REGULATORY INFORMATION

DOT Classification: Not regulation as a hazardous material of DOT.

TSCA Status: All ingredients are reported in EPA TSCA Inventory.

SARA/Title III: None of the ingredients of the compound are reportable as listed under Section 313 and 40 CFR Part 372 or subject to other EPA regulations.

SECTION 12: STATE REGULATORY INFORMATION

California Proposition 65: This product does not contain any chemical currently on the California list of Know Carcinogens and Reproductive Toxins.

Massachusetts Right to Know: This product does not contain any chemicals that are subject to Massachusetts Right to Know disclosure.

New Jersey Right to Know: This product does not contain any chemicals that are subject to New Jersey Right to Know disclosure.

Pennsylvania Right to Know: This product does not contain any chemicals that are subject to Pennsylvania Right to Know disclosure.

Florida Right to Know: This product does not contain any chemicals that are subject to Florida Right to Know disclosure.

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Rhode Island Right to Know: This product does not contain any chemicals that are subject to Rhode Island Right to Know disclosure.

Canadian WHMIS: This product does not contain any chemicals that are subject to Canadian WHMIS.

SECTION 13: OTHER INFORMATION

Date MSDS Initially Prepared: December 2011

Revision(s): None.

SECTION 14: DISCLAIMER

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