



## Material Safety Data Sheet

### Distilled Glycerol Monostearate

#### 1. Chemical Product and Company Identification

Product Name	Glycerol Monostearate
Manufacturer	Turkey
Tel	0534 6842604
Mail	<a href="mailto:info@elinakimya.com">info@elinakimya.com</a>
Date	12-11-2022

#### 2. Composition/ Information on Ingredients

Chemical Name	CAS No.	Content
Glycerol Monostearate	31566-31-1	>95%

#### 3. Hazards Identification

Invade way	Skin contact, inhalation, ingestion.
Potential Health Effects	Not available.
Environmental hazards	Hazardous to the environment and may cause water pollution
Explosive hazards	Flammable.

#### 4. First Aid Measures

Skin Contact	Flush skin with plenty of water.
Eye Contact	Immediately flush water for at least 15 minutes while holding the eyelids wide open. Seek medical attention if irritation develops.
Inhalation	Supply fresh air. Provide artificial respiration if required. Call a physician if symptoms develop or persist.
Ingestion	Drink enough warm water to induce vomiting and seek medical advice.

#### 5. Fire Fighting Measures

Hazardous characteristics	It is flammable in case of open fire and high heat
Hazardous Combustion	Carbon monoxide, carbon dioxide (CO, CO <sub>2</sub> ).
Products	



<b>Extinguishing method</b>	Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.
<b>Extinguishing media</b>	Water spray, carbon dioxide, chemical foam, dry powder, sand.

## 6. Accidental Release Measures

<b>Emergency measures</b>	Isolate the contaminated areas of leakage and restrict access. Ensure adequate ventilation.
<b>Clean-up methods</b>	Shovel material into appropriate container for disposal. Trench excavation or move pill to other containers if a great deal of leakage.

## 7. Handling and Storage

<b>Handling</b>	Product should be processed in closed systems, and enhanced ventilation in the workplace. All handling personnel must attend professional training and operate strictly according to operating instructions. Recommend wearing self-contained dust-proof respirators safety safety chemical goggles, acid and alkali -resistant rubber uniforms and chemical protective gloves. Keep away from heat, sparks and flame, and forbidden to smoke in the workplace. Use explosion-proof ventilation systems and equipment, and keep the chemicals away from any oxidant
<b>Storage</b>	Product should be stored in the original sealed containers protected from light in a cool, well-ventilated area.

## 8. Exposure Controls / Personal Protection

<b>Engineering control</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
<b>Personal Protective Equipment</b>	
<b>Eyes</b>	Wear appropriate protective chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Skin</b>	Wear appropriate protective gloves to prevent skin exposure
<b>Clothing</b>	Wear appropriate protective clothing to prevent skin exposure.



## Respirators

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

## 9. Physical & Chemical Properties

**Physical status:** Liquid or Solid.

**Color:** After melting, clear slightly yellow.

**Odor:** Not determined.

**pH:** Not available.

**Vapor Pressure:** Not available.

**Viscosity:** Not available.

**Boiling Point:** Not available.

**Specific Gravity/Density:** Not determined.

**Autoignition Temperature:** Not available

**Flash Point:** Not available.

**Explosion Limits, lower:** Not available.

**Explosion Limits, upper:** Not available.

**Decomposition Temperature:** Not determined.

**Solubility in water:** Not determined.

**Specific Gravity/Density:** Not determined.

## 10. Stability & Reactivity Information

**Stability**

Stable under normal temperatures and pressures

**Incompatibilities with Other Materials**

Oxidizing agents.

**Conditions to Avoid**

High temperatures, incompatible materials.

**Hazardous Decomposition Products**

Carbon monoxide, carbon dioxide.

**Hazardous Polymerization**

Will not occur.

## 11. Toxicological Information

**Carcinogenicity:** Not listed by EPA, IARC, NTP, OSHA or ACGIH.

**Other:** See actual entry in RTECS for complete information.

## 12. Ecological Information

**Ecotoxicity:** No further relevant information available.

**Biodegradation:** No further relevant information available.

**Bioaccumulation:** No further relevant information available.

**Others:** Harmful to the environment, cause water pollution.

## 13. Disposal Considerations

**Disposal method**

Dispose of in a manner consistent with federal, state, and local regulations.

## 14. Transportation Information

**Code of Dangerous Goods:** Not classified as hazardous material under RID/ADR, ADN, IMDG, IATA.

## 15. Regulatory Information

**Safety, health and environmental regulation/legislation specific for substance or mixture**

**Labelling according to Regulation (EC) No 1272/2008:** Not available.

**Hazard pictograms:** Not available.

**Signal word:** Not available.

**Hazard statements:** Not available.

**National regulations**

**Information about limitation of use:** For use only by technically qualified individuals.

**Water hazard class:** Water hazard class 1 (Slightly hazardous for water).

**Other regulations, limitation and prohibitive regulations**

**REACH-Pre-registered substances:** Substance is listed.

**Substance of very high concern (SVHC)**

**according to REACH, Article 57:** Substance is not listed.

**Chemical safety assessment:** A chemical Safety Assessment has not been carried out.

## 16. Other Information

**Other Information:** The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial, and local laws.