


<b>Material Safety Data Sheet</b>		
Ethylene Glycol Distearate		
Version:2.0	Revision date: Jan. 11, 2021	
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## 1. Chemical Product and Company Identification

**INCI name:** Ethylene Glycol Distearate

**CAS No.:** 627-83-8

**Chemical structure:** C<sub>38</sub>H<sub>74</sub>O<sub>4</sub>

**Trade name:** Yeser® EGDS

**Product application:** Commonly used as a skin-conditioning agent, emulsifier, and opacifying & pearlescing agent in personal care products.

**Supplier name:** GUANGZHOU YESER CHEMICALS CO., LTD

**Supplier address:** Room 903-05, Building E, Longxi Center, No.18 Qide Road, Guangzhou City, China

**Website:** yeserchem.com **E-mail:** info@yeserchem.com

**Contact number:** +86-20- 86213761 400-0768-668

**Emergency contact number:** +86-20- 86213761

## 2. Hazards Identification

### Emergency overview

### GHS Hazard Category:

S24/25 Avoid contact with skin and eyes.

S45 In the event of an accident or if you feel unwell, seek medical attention immediately.


S28 In case of accidental skin contact, rinse immediately with plenty of soap and water.

S27 Once the clothing is contaminated, take it off immediately.

S26 After accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

### Label elements:

Pictograms	None
signal word	warn
Precautionary Statements	<p><b>Precaution:</b></p> <p>Eye Contact: Lift eyelids, rinse with plenty of water, seek medical attention if unwell.</p> <p>Skin Contact: Remove contaminated clothing and rinse with plenty of water.</p> <p>Inhalation: Remove to fresh air.</p> <p>Ingestion: Rinse mouth with water and seek medical attention.</p> <p>Safe storage: Store in a cool, ventilated warehouse.</p> <p>Disposal: Dispose of in accordance with local regulations.</p>

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health hazard	It is not harmful to health when used in the correct way.
Environmental hazards	No data

### 3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Glycol distearate	627-83-8	80.0~95.0
Glycol stearate	111-60-4	5.0~20.0

### 4. First aid Measures

#### First aid

**Inhalation:** Remove to fresh air.

**Skin Contact:** Remove contaminated clothing and rinse with plenty of water.

**Eye Contact:** Lift eyelids, flush with plenty of water, seek medical advice if unwell.

**Ingestion:** Rinse mouth with water and seek medical attention.

**Advice for Protecting Rescuers:** Causing symptoms may include: Gastrointestinal distress.

### 5. Fire-fighting Measures

**Extinguishing Media:** Foam, carbon dioxide, dry powder, water mist.

**Special hazards:** burning will produce toxic and harmful gases such as carbon monoxide and carbon dioxide.

#### Fire fighting precautions and protective measures:

Firefighters must wear air-carrying respirators and fire-fighting suits to put out the fire at the upper vents.

Isolate the accident scene and prohibit unrelated persons from entering.

According to relevant laws and regulations, contain and treat fire water to prevent environmental pollution.

### 6. Accidental Release Measures


#### Protective measures, protective equipment and emergency procedures for workers:

Build and isolate spilled contaminated areas and restrict access.

**Environmental protection measures:** Do not directly pour into the soil, do not directly discharge into the sewer and drainage system.

#### Methods for containment and removal of spilled chemicals and disposal materials used:

**Spills:** Move the product to mechanically clean up contaminated objects. Remove residue with absorbent adhesive.

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Absorbable substances should be handled in accordance with relevant regulations. The disposal of fire residues and contaminated water after fire fighting shall be carried out in accordance with relevant local regulations.

## 7. Handling and storage

### Operation Notes:

When handling, it should be lightly loaded and unloaded to prevent damage to packaging and containers. Just follow the specified method, no special measures are required.

**Storage Precautions:** Store in a cool, ventilated warehouse.

## 8. Exposure controls/personal protection

**Occupational Exposure Limits:** No data available

**Biological Limits:** No data available

**Engineering Control Method:** No data available

### Personal Protective Equipment:

**Respiratory System:** Wear a dust mask.

**Eye Protection:** Wear protective glasses.

**Hand Protection:** Wear rubber gloves.

**Skin and body protection:** Wear protective clothing.

## 9. Physical and chemical properties

### Appearance

**State of matter:** Solid, flake

**Colour:** White to light yellow

**Odour tipping point:** No data available

### Safety data

**Melting point (°C):** 60.0~65.0

**Boiling point/boiling range:** No data available

**Flash point:** No data available

**Flammability (solid, gas):** No data available

**Auto-ignition temperature:** No data available

**Water soluble:** Not easily soluble in water


**Solubility in other solvents:** No data available

**Octanol/water partition coefficient:** No data available

**Vapor Pressure:** No data available

**Evaporation rate:** No data available

**Relative vapor density:** No data available

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**Relative density:** No data available

Oxidation/reduction potential: No data available

**Viscosity, kinetics:** No data available

**Explosive:** No data available

**Thermal decomposition:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

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## 10. Stability and reactivity

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**Chemical stability:** The product is stable under correct handling and storage conditions.

**Hazardous reactions:** No hazardous reactions under correct handling and storage conditions.

**Incompatible substances:** No data available

**Hazardous Decomposition Products:** No hazardous decomposition products under proper handling and storage conditions.

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## 11. Toxicological information

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### Acute toxicity

**Oral:** No data available

**Through the skin:** No data available

**Inhalation:** No data available

**Skin irritation or corrosion:** No data available

**Eye irritation or corrosion:** No data available

**Respiratory allergy:** No data available

**Germ cell mutation:** No data available

**Carcinogenicity:** No data available

**Reproductive toxicity:** No data available

**Other:** No data available

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## 12. Ecological information

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**Ecotoxicity:** This product is slightly toxic to water and should not be discharged directly into sewers or soil.

**Biodegradability:** No data available

**Bioaccumulation potential:** No data available

**Mobility in soil:** No data available


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## 13. Disposal considerations

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**Waste chemicals:** Dispose of in accordance with relevant national and local regulations.

**Contaminated packaging:** Dispose of in accordance with relevant national and local regulations.

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**Disposal Notes:** Dispose of in accordance with relevant national and local regulations.

#### 14. Transport information

**UN Dangerous Goods Number:** No information available

**UN shipping name:** No information available

**United Nations Hazard Classification:** No information available

**Marine pollutants (Yes/No):** No

**Packing method:** Net weight 25kg paper-plastic composite bag.

**Transportation Precautions:** This product is suitable for railway, road and water transportation, and should be protected from sunlight and rain during transportation. And follow the rules for safe transportation.

#### 15. Regulatory Information

**The following laws, regulations, rules and standards have made corresponding provisions for the management of this chemical:**

**Law of the People's Republic of China on the Prevention and Control of Occupational Diseases:**

Classification of occupational disease hazards: Not listed

**Hazardous Chemical Safety Management Regulations:**

Catalogue of hazardous chemicals: Not listed

**Labor Protection Regulations for Workplaces Using Toxic Substances:**

Altitude Item Catalog: Not listed

**Measures for Environmental Management of New Chemical Substances:**

Inventory of Existing Chemical Substances in China: Included

#### 16. Other Information

**References:**

**Ministry of Environmental Protection:** Inventory of Existing Chemicals in China (IECSC)

**Safety Supervision Bureau:** Catalogue of Highly Toxic Chemicals

**Safety Supervision Bureau:** List of Hazardous Chemicals

**Safety Supervision Bureau:** Identification of Major Hazard Sources


**Ministry of Environmental Protection:** National Hazardous Waste List

**Ministry of Health:** List of Highly Toxic Substances

**State Council:** Regulations on the Administration of Precursor Chemicals

**Ministry of Health:** Occupational Exposure Limits for Hazardous Factors in the Workplace  
Dangerous Goods List (GB12268)

**Ministry of Environmental Protection, General Administration of Customs:** China's list of

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strictly restricted import and export of toxic chemicals

#### **Writing and revising information**

**Date originally compiled:** May 19, 2019

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END OF DATA SHEET