

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** GLYCERIN(COSMETIC GRADE)

**Other means of identification**

**SDS number:** B0002193

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Not available.

**Recommended restrictions:** Not known.

**Supplier's details**

**Manufacturer**

**Company Name:** Kao Corporation  
**Address:** 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan  
**Telephone:** +81-3-5630-7700  
**Fax:** +81-3-5630-7889  
**Division:** Chemical Business  
**E-mail:** chemical@kao.co.jp

**Emergency telephone number:** 81-3-5630-7700

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information:**

Not classified

**Label Elements**

The substance or product does not require a hazard warning label in accordance with the GHS directive.

**Pictograms:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Prevention:** Wash thoroughly after handling. If needed, use personal protective equipment as required.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Gently wash with plenty of water and soap. Call a POISON CENTER or doctor if you feel unwell.

**Storage:** Store in a well-ventilated place.

**Disposal:** -

**Other hazards which do not result in GHS classification:** None.

## 3. Composition/information on ingredients

## Substances

Chemical Identity	Common name and synonyms	CAS number	Concentration*
Glycerine	No data available.	56-81-5	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** No hazardous ingredients.

## 4. First-aid measures

### Description of necessary first-aid measures

<b>Ingestion:</b>	Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Skin Contact:</b>	Gently wash with plenty of soap and water.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 5. Fire-fighting measures

### Suitable (and unsuitable) extinguishing media

<b>Suitable extinguishing media:</b>	Powder, alcohol-resistant foam, water spray, carbon dioxide, sand
<b>Unsuitable extinguishing media:</b>	No data available.
<b>Specific hazards arising from the chemical:</b>	No data available.

### Special protective action for fire fighters

<b>Special fire fighting procedures:</b>	Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.
<b>Special protective equipment for fire-fighters:</b>	Use goggles in combination with dust mask, and other protections as appropriate to situation.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.
<b>For non-emergency personnel:</b>	Do not discharge into the drains, surface waters or ground water directly.
<b>For emergency responders:</b>	Do not discharge into the drains, surface waters or ground water directly.
<b>Environmental Precautions:</b>	Do not discharge into the drains, surface waters or ground water directly.

**Methods and material for containment and cleaning up:** Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.

**Notification Procedures:** Keep away from sources of ignition and prepare extinguishing media.

## 7. Handling and storage

**Precautions to ensure safe handling:** Keep away from source of ignition. Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities:** Keep away from source of ignition. Keep container tightly closed. Store in a well-ventilated place.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Safety glasses

**Hand Protection:** Rubber gloves

**Other:** Full-body suit

**Respiratory Protection:** Use as appropriate to situation.

**Hygiene measures:** No data available.

## 9. Physical and chemical properties

### Appearance

**Physical state:** liquid

**Form:** Viscous liquid

**Color:** Colorless clear

**Odor:** Almost odorless

**Odor Threshold:** No data available.

**pH:** 5.5 - 6.5 33% solution

**Freezing point:** 18 °C

**Boiling Point:** 290 °C

**Flash Point:** 160 °C (Cleveland open cup)

**Evaporation Rate:** No data available.

**Flammability:** No data available.

**Explosive limit - upper:** No data available.

**Explosive limit - lower:** No data available.

**Vapor pressure:** 1,300 Pa (167.2 °C)

**Relative vapor density:** 3.2

**Density:** 1.263 g/ml (15 °C)  
1.2594 g/ml (25 °C)

<b>Relative density:</b>	1.242 g/ml (50 °C)
<b>Solubility in Water:</b>	No data available.
<b>Solubility (other):</b>	Very Soluble
	Soluble in lower alcohols
	Insoluble in chloroform and ether
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Self Ignition Temperature:</b>	386 °C
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	276.1 mPa.s (40 °C)
	145.9 mPa.s (50 °C)
	32.2 mPa.s (80 °C)

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable in general.
<b>Possibility of hazardous reactions:</b>	Material is stable under normal conditions.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No special hazardous and harmful combustion or decomposition.

## 11. Toxicological information

### Acute toxicity (list all possible routes of exposure)

#### Oral

<b>Product:</b>	No data available. Not classified based on available data of component(s).
-----------------	---

#### Dermal

<b>Product:</b>	No data available. Not classified based on available data of component(s).
-----------------	---

#### Inhalation

<b>Product:</b>	Dusts, mists and fumes: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s).
-----------------	--

#### Skin Corrosion/Irritation

<b>Product:</b>	No data available. Not classified based on available data of component(s).
-----------------	---

#### Serious Eye Damage/Eye Irritation

<b>Product:</b>	No data available. Not classified based on available data of component(s).
-----------------	---

#### Respiratory or Skin Sensitization

**Product:** Skin: No data available.  
Not classified based on available data of component(s).  
Respiratory: Classification not possible due to insufficient data.

**Carcinogenicity**  
**Product:** No data available.  
Not classified based on available data of component(s).

**Germ Cell Mutagenicity**

**In vitro**  
**Product:** Ames test (TA98, TA100): Negative (Data on similar product)  
Not classified based on available data.

**In vivo**  
**Product:** Not classified based on available data.

**Reproductive toxicity**  
**Product:** No data available.  
Not classified based on available data of component(s).

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.  
Not classified based on available data of component(s).

**Aspiration Hazard**  
**Product:** No data available.

**Other effects:** No data available.

<b>12. Ecological information</b>
-----------------------------------

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**  
**Product:** No data available.  
Not classified based on available data of component(s).

**Aquatic Invertebrates**  
**Product:** No data available.  
Not classified based on available data of component(s).

**Toxicity to Aquatic Plants**  
**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**  
**Product:** No data available.  
Not classified based on available data of component(s).

**Aquatic Invertebrates**

**Product:** No data available.  
Not classified based on available data of component(s).

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations**

**Disposal methods**

**Disposal instructions:** Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor.

**Contaminated Packaging:** No data available.

**14. Transport information**

**IATA**

Not regulated.

**IMDG**

Not regulated.

**15. Regulatory information**

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

**Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations:** This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

**Fire Safety (Petroleum and Flammable Materials) Regulations**

Not applicable

**Inventory Status:**

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Contact us for information
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

**16. Other information, including date of preparation or last revision**

**Issue Date:** 2021.02.10

**Version #:** 1.0

**Source of information:** No data available.

**Further Information:** No data available.

**Disclaimer:** To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail information.

**Reference:**

- Hazard communication of chemicals based on GHS
- Labelling and Safety Data Sheet (SDS) (JIS Z 7253 : 2019)
- International Chemical Safety Cards (ICSC) (Compiler's Guide) (1994) GHS guideline
- Labelling and Safety Data Sheet (2019) Japan Chemical Industry Association