

**Product name:**  
 EMASOL SUPER L-10

# SAFETY DATA SHEET

## 1. Product and company identification

**Name of chemical (Product name):** EMASOL SUPER L-10

**Product No.:** B0002687

### Manufacturer/Importer/Distributor Information

#### Information on domestic 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:

#### Health Hazards

Skin Corrosion/Irritation Category 2

#### Environmental Hazards

Acute hazards to the aquatic environment Category 3

### GHS label elements

#### Pictograms:



**Signal Word:** Warning

**Hazard Statement:** Causes skin irritation.  
 Harmful to aquatic life.

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**Prevention:** Avoid release to the environment. Wash thoroughly after handling. Wear protective gloves. This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogeneous liquid.

**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 (or hair): Take off contaminated clothing. Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER or doctor if you feel unwell.

**Storage:** -

**Disposal:** Passed to a licensed waste contractor.

**Unknown toxicity - Health**

Acute toxicity, inhalation, dust or mist      100 %

**Unknown toxicity - Environment**

Acute hazards to the aquatic environment      0 %

Chronic hazards to the aquatic environment      0 %

**3. Composition/information on ingredients**

**Substances**

Chemical name or generic name	CAS number	ISHL	ENCS	Content in percent (%)
Sorbitan laurate	1338-39-2	(8)-63	(8)-63	

**4. First-aid measures**

**Description of necessary first-aid measures**

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**Skin Contact:** If skin irritation occurs, get medical advice/attention. Flush skin with running water. Take off contaminated clothing and wash before re-use.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

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## 5. Fire-fighting measures

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Powder, alcohol-resistant foam, water spray, carbon dioxide, sand

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** No data available.

### Special protective equipment and precautions for firefighters

**Special fire fighting procedures:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Do not flow the materials causing adverse effects into the environment with effluent fire extinguishing agents.

**Special protective equipment for fire-fighters:** Use goggles in combination with dust mask, and other protections as appropriate to situation.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

**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.

**Environmental Precautions:** Avoid release to the environment.

**Prevention of secondary hazards:** Keep away from sources of ignition and prepare extinguishing media.

## 7. Handling and storage

### Handling

**Technical measures (e.g. Local and general ventilation):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

**Safe handling advice:** Keep away from source of ignition. This product may form partially precipitate according to the storage condition. In that case, please warm-up for melting, then use as homogeneous liquid. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required.

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Contact avoidance measures: No data available.

Hygiene measures: No data available.

#### Storage

Safe storage conditions: Keep container tightly closed. Store in a well-ventilated place. Keep away from source of ignition.

Safe packaging materials: No data available.

Storage Temperature: No data available.

### 8. Exposure controls/personal protection

#### Control Parameters

##### Occupational Exposure Limits

Product: None known.

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

Eye/face protection: Safety glasses

Hand Protection: Material: Rubber gloves

Skin and Body Protection: Full-body suit

Respiratory Protection: Use as appropriate to situation.

Hygiene measures: No data available.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

##### Appearance

Physical state: liquid

Form: Viscous liquid

Color: Pale yellow

Odor: Slight characteristic odor

Odor Threshold: No data available.

Freezing point: 56.3 °F/13.5 °C

Boiling Point: No data available.

Flammability: No data available.

##### Upper/lower limit on flammability or explosive limits

Explosive limit - upper: No data available.

Explosive limit - lower: No data available.

Flash Point: 399 °F/204 °C (Cleveland open cup)

Self Ignition Temperature: No data available.

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<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	No data available.
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	230 mPa.s (140 °F/60 °C)
<b>Kinematic viscosity:</b>	No data available.
<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Emulsifiable in water.
<b>Solubility (other):</b>	Soluble in xylene Poorly soluble in lower alcohol
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Density:</b>	1.064 g/ml (68 °F/20 °C) 1.05 g/ml (104 °F/40 °C) 1.036 g/ml (140 °F/60 °C)
<b>Relative vapor density:</b>	No data available.
<b>Particle characteristics</b>	
<b>Particle Size Distribution:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	No data available.
<b>Possibility of hazardous reactions:</b>	Has low reactivity.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

## 11. Toxicological information

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

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

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Not classified based on available data of component(s).

**Inhalation  
Product:**

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  
Product:**

No data available.

**Components:**  
Sorbitan laurate

Category 2: (7)

**Serious Eye Damage/Eye Irritation**

**Product:**

OECD TG405 (Rabbit): Not classified undiluted, (Data on equivalent product)  
Not classified based on available data.

**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).

**IARC:**

No carcinogenic components identified

**NTP:**

No carcinogenic components identified

**JSOH:**

No carcinogenic components identified

**EU**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:**

Ames test (TA98, TA100, TA1535, TA1537, WP2uvrA): Negative (Data on equivalent product)  
Classification not possible due to insufficient data.

**In vivo**

**Product:**

Classification not possible due to insufficient data.

**Reproductive toxicity**

**Product:**

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

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**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:** Classification not possible due to insufficient data.

**Other effects:** No data available.

<b>12. Ecological information</b>
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**Ecotoxicity:**

**Acute hazards to the aquatic environment**

**Fish**

**Product:** LC 50 (Common Carp, 96 h): 66 mg/l (Data on equivalent product)

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Sorbitan laurate                      Category 3 (88)

**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:** 60 % (20 d, OECD TG301C) Readily biodegradable (Literature data on main component)

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

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**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**  
**Product:** No data available.

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

**Hazardous to the ozone layer:** No data available.

**Further Information:** No data available.

### 13. Disposal considerations

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

**Contaminated Packaging:** No data available.

### 14. Transport information

#### International regulations

**IMDG**

Not regulated.

**IATA**

Not regulated.

#### National Regulations

**Domestic Standard:** In compliance with domestic law.

### 15. Regulatory information

**Law concerning Pollutant Release and Transfer Register**

Not Regulated

**Industrial Safety and Health Law**

Not Regulated

**Poisonous and Deleterious Substances Control Act**

Not Regulated

**Explosives Control Act:**

Not Regulated

**High Pressure Gas Safety Act:**

Not Regulated

**Fire Service Act:**

Group 4: Flammable liquids, Type 4 petroleums, Water soluble liquid, Designated Quantity (6000 litre)



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III: Hazardous rank III

**Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.**  
Not Regulated

**Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule:**  
Not Regulated

**Air Law, Enforcement Rule:**  
Not Regulated

**Export Trade Control Order:**  
Not Regulated

**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

**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
- (7): Cosmetic Ingredient Review (CIR)
- (88): ECHA-REACH Registered Substances Database