

# SAFETY DATA SHEET

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

**Product name:**

EMULGEN B-66

**Product No.:** B0002002

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

**Recommended use:** Not known.

**Restrictions on use:** Not known.

**Manufacturer/Importer/Supplier/Distributor Information**

**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  
Contact division: Chemical Business  
E-mail: chemical@kao.co.jp

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

## 2. Hazard(s) identification

**GHS classification**

**Environmental Hazards**

Acute hazards to the aquatic environment      Category 3

**Label Elements**

**Pictograms:** No symbol  
**Signal Word:** No signal word.  
**Hazard Statement:** Harmful to aquatic life.

**Precautionary Statements**

**Prevention:** Avoid release to the environment. This product may be solidified totally or partially according to the storage condition. In that case, please warm-up for melting, then use at 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: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

**Storage:** -

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

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

### 3. Composition/information on ingredients

#### Substances

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Polyoxyethylene(14) tribenzyl ether	-	Trade Secret	

### 4. First-aid measures

#### Description of necessary first-aid measures

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.  
**Skin Contact:** Gently wash with plenty of soap and water.  
**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.

### 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.

**Special hazards arising from the substance or mixture:** 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

**Product name:**  
 EMULGEN B-66

**Personal precautions, protective equipment and emergency procedures:**

Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

**Accidental release measures:**

Keep away from sources of ignition and prepare extinguishing media.

**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.

## 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 be solidified totally or partially according to the storage condition. In that case, please warm-up for melting, then use at homogeneous liquid. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required.

**Contact avoidance 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.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Engineering measures:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

### 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.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

Physical state:	Liquid
Form:	Liquid
Color:	Yellow to brown-yellow
Odor:	Aromatic odor
Odor Threshold:	No data available.
Freezing point:	52 °F/11 °C
Boiling Point:	> 104 °F/40 °C
Flammability:	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	626 °F/330 °C (Cleveland open cup)
Self Ignition Temperature:	> 212 °F/100 °C
Decomposition Temperature:	No data available.
pH:	6 (5% solution)
<b>Viscosity</b>	
Dynamic viscosity:	980 mPa.s (68 °F/20 °C) 500 mPa.s (86 °F/30 °C) 75 mPa.s (122 °F/50 °C)
Kinematic viscosity:	No data available.
Flow Time:	No data available.
<b>Solubility(ies)</b>	
Solubility in Water:	Soluble(1% solution, 25C)
Solubility (other):	Soluble in isopropyl alcohol
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	1.126 g/ml (50 °F/10 °C) 1.115 g/ml (86 °F/30 °C) 1.104 g/ml (122 °F/50 °C)
Relative vapor density:	No data available.
<b>Particle characteristics</b>	
Particle Size:	No data available.
Particle Size Distribution:	No data available.

## 10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Stable in general.
Possibility of hazardous reactions:	Material is stable under normal conditions.
Conditions to avoid:	No data available.

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**Incompatible Materials:** No data available.  
**Hazardous Decomposition Products:** No special hazardous and harmful combustion or decomposition.

## 11. Toxicological information

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

**Oral Product:** LD 50 (Mouse, Male): 11.7 g/kg  
 LD 50 (Mouse, Female): 13.0 g/kg  
 Not classified based on available data.

**Dermal Product:** No data available.  
 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:** OECD TG404 Rabbit, 4 h: Non irritant undiluted  
 Not classified based on available data.

**Serious Eye Damage/Eye Irritation Product:** Rabbit: Non irritant undiluted  
 Not classified based on available data.

**Respiratory or Skin Sensitization Product:** Skin: Classification not possible due to insufficient data.  
 Respiratory: Classification not possible due to insufficient data.

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

### Germ Cell Mutagenicity

**In vitro Product:** Ames test (TA98, TA100): Negative  
 Classification not possible due to insufficient data.

**In vivo Product:** Classification not possible due to insufficient data.

**Reproductive toxicity Product:** Classification not possible due to insufficient data.

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

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

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**Aspiration Hazard**  
**Product:**

Classification not possible due to insufficient data.

**Other effects:**

No data available.

## 12. Ecological information

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** LC 50 (Rainbow Trout, 96 h): 59 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Polyoxyethylene(14)  
tribenzyl ether

Category 3: (21)

**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:** Readily biodegradable

**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:** 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

#### National regulatory information:

**Regulations on Occupational Safety and Health Facilities**

**Standards for the Storage, Cleanup, Handling and Disposal of Industrial Waste.**

**Regulations on Labelling and Hazard Communication of Hazardous Chemicals**

#### Inventory Status:

US TSCA Inventory:	Contact us for information
Canada DSL Inventory List:	Not in compliance with the inventory
Australia AICS:	Not 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

**Issue Date:** 2021.11.09

**Version #:** 1.0

#### Organization that prepared the SDS and SDS Author:

**SDS Author:** Kao (Taiwan) Corporation  
10 F., No. 207, Sec 3, Pei-Hsin Rd., Hsin-Tien District, New Taipei City  
23143, Taiwan R.O.C.  
Chin chang, Wen (Director) TEL: 886-2-8665-1930

**Further Information:** No data available.

**References:** No data available.

**Product name:**  
EMULGEN B-66

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**Revision Information**

Not relevant.

**Disclaimer:**

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**Reference:**

(21): Estimation