

Product name:  
KAO CER 2020

# CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

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

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Product No.: B0061555

### Recommended use and restriction on use

**Recommended use:** Dispersant  
**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

Emergency Overview: Yellow brown Viscous liquid. Odor: Almost odorless. Hazard statements: Not classified  
Notes to physician: Get medical attention if symptoms occur.

### GHS classification

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: Wash with plenty of soap and water.

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Call a POISON CENTER/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**

**Mixtures**

**Composition Comments:** No hazardous ingredients.

**4. First-aid measures**

**Description of 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.

**Personal Protection for First-aid Responders:** No data available.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Get medical attention if symptoms occur.

**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:** Produce irritating or toxic gases in a fire.

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**Special protective equipment and precautions for fire-fighters**

**Special fire-fighting procedures:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible. Product itself is non-combustible.

**Special protective equipment for fire-fighters:** Use goggles in combination with dust mask, and other protections as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides. Avoid inhalation of smoke or gases.

**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:** Do not discharge into the drains, surface waters or ground water directly.

**Prevention of secondary hazards:** No data available.

**7. Handling and storage**

**Handling**

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

**Local/Total ventilation:** Use an adequate ventilation.

**Safe handling advice:** Use an adequate ventilation. Wash thoroughly after handling. If needed, 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.

**Safe packaging materials:** No data available.

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## 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. Use an adequate ventilation.

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

<b>Eye/face protection:</b>	Safety glasses
<b>Hand Protection:</b>	Material: Rubber gloves
<b>Skin and Body Protection:</b>	Full-body suit
<b>Respiratory Protection:</b>	Use as appropriate to situation.
<b>Hygiene measures:</b>	No data available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	Liquid
<b>Form:</b>	Viscous liquid
<b>Color:</b>	Yellow brown
<b>Odor:</b>	Almost odorless
<b>Odor Threshold:</b>	No data available.
<b>Freezing point:</b>	-15 °C/5 °F
<b>Boiling Point:</b>	102 - 103 °C/216 - 217 °F
<b>Flammability:</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Autoignition Temperature:</b>	> 100 °C/212 °F
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	7.0(40% aqueous solution)

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**Viscosity**

**Dynamic viscosity:** 69.4 mPa.s(20 °C/68 °F)  
 49.5 mPa.s(30 °C/86 °F)  
 37.3 mPa.s(40 °C/104 °F)

**Kinematic viscosity:** No data available.

**Flow Time:** No data available.

**Solubility(ies)**

**Solubility in Water:** Soluble

**Solubility (other):** Insoluble in ethanol and ether

**Partition coefficient (n-octanol/water):** No data available.

**Vapor pressure:** No data available.

**Relative density:** No data available.

**Density:** 1.164 g/ml (20 °C/68 °F)  
 1.160 g/ml (30 °C/86 °F)  
 1.156 g/ml (40 °C/104 °F)

**Relative vapor density:** No data available.

**Particle characteristics**

**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:** Stable

**Conditions to avoid:** No data available.

**Incompatible Materials:** No data available.

**Hazardous Decomposition Products:** No data available.

**11. Toxicological information**

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

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

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

**Inhalation Product:** Dust and mist: Classification not possible due to insufficient data.

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

**Skin Corrosion/Irritation**

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

**Serious Eye Damage/Eye Irritation**

**Product:** , Classification not possible due to insufficient 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:** 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.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No data available.

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

**Acute hazards to the aquatic environment:**

**Fish**

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

**Aquatic Invertebrates**

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

**Toxicity to Aquatic Plants**

**Product:** No data available.

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### Chronic hazards to the aquatic environment

#### Fish

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

#### Aquatic Invertebrates

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

### 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:** Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.

**Contaminated Packaging:** No data available.

## 14. Transport information

### IMDG

Not Regulated

### IATA

Not Regulated

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

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

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## 15. National and international regulatory information

Should comply with local regulations in respect of this product.

**China. Catalog of Hazardous Chemicals**  
 Not Regulated

**China. Precursor Chemicals (Decree No. 445 of the PRC on Regulation for Administration of Precursor Chemicals, Appendix: Categories 1-3)**  
 Not Regulated

**China: CWC. Controlled Chemicals List (Regulations on the Administration of Controlled Chemicals, Decree No. 190, Dec. 27, 1995, as amended)**  
 Not Regulated

**China. Explosive Precursor Hazardous Chemicals (Ministry of Public Safety, 2011 version)**  
 Not Regulated

### Inventory Status:

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

## 16. Other Information

<b>Issue Date:</b>	18.07.2023
<b>Version #:</b>	1.0
<b>Further Information:</b>	No data available.
<b>Revision Information</b>	Not relevant.
<b>Training information</b>	No data available.



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