

# SAFETY DATA SHEET

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

**GHS Product identifier:** PELEX OT-P

**Other means of identification**

**SDS number:** B0002591

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

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

## 2. Hazard(s) identification

**GHS classification**

**Physical Hazards**

Flammable liquids Category 3

**Health Hazards**

Acute toxicity (Oral) Category 4

Serious Eye Damage/Eye Irritation Category 1

Specific Target Organ Toxicity - Single Exposure Category 1 (visual organs, Central nervous system)

**Unknown toxicity - Health**

Acute toxicity, inhalation, dust or mist 85 %

**Label Elements**

**Pictograms:**



**Signal Word:**

Danger

**Hazard Statement:**

Flammable liquid and vapor.  
Harmful if swallowed.  
Causes serious eye damage.  
Causes damage to organs.

**Precautionary Statements  
Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/eye protection/face protection. This product may form partially precipitate according to the storage condition. In that case, please agitate or stir, then use as homogeneous liquid.

**Response:**

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF exposed or concerned: Call a POISON CENTER/doctor. In case of fire : Keep away from sources of ignition and use appropriate extinguishing media.

**Storage:**

Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal:**

Passed to a licensed waste contractor.

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

**3. Composition/information on ingredients****Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Sodium di(2-ethylhexyl) sulfosuccinate	-	577-11-7	70%
Methanol	-	67-56-1	10 - 20%
2-Ethylhexyl alcohol	-	104-76-7	

**4. First-aid measures****Description of first aid measures****Inhalation:**

Remove person to fresh air and keep comfortable for breathing.

**Skin Contact:**

Take off immediately all contaminated clothing. Rinse skin with water/shower.

<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
<b>Ingestion:</b>	Rinse mouth. Call a POISON CENTER/doctor if you feel unwell. Immediately call a POISON CENTER/doctor.
<b>Personal Protection for First-aid Responders:</b>	No data available.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Symptoms:</b>	No data available.
<b>Hazards:</b>	No data available.
<b>Indication of immediate medical attention and special treatment needed</b>	
<b>Treatment:</b>	Get medical attention if symptoms occur.

## 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>Special hazards arising from the substance or mixture:</b>	Produce irritating or toxic gases in a fire.

### Special protective equipment and precautions 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. Risk of producing harmful gases such as carbon monoxide and sulfur oxides. Avoid inhalation of smoke or gases.

## 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>Accidental release measures:</b>	Keep away from sources of ignition and prepare extinguishing media. Do not use tools producing sparks
<b>Methods and material for containment and cleaning up:</b>	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.

## 7. Handling and storage

### Handling

**Technical measures:**

Use explosion-proof electrical equipment and prevent from static electricity. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Local/Total ventilation:**

Use local exhaust ventilation.

**Safe handling advice:**

Keep away from source of ignition. Avoid contact with eyes. This product may form partially precipitate according to the storage condition. In that case, please agitate or stir, then use as homogeneous liquid. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using the product.

**Contact avoidance measures:**

No data available.

### Storage

**Safe storage conditions:**

Keep away from source of ignition. Keep container tightly closed. Store in a well-ventilated place. Store locked up.

**Safe packaging materials:**

No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
Methanol	PSD	250 ppm		ID OEL (11 2011)
Methanol	V TLV ID	200 ppm		ID OEL (04 2018)
Methanol	STEL	250 ppm		ACGIH (2008)
Methanol	TWA	200 ppm		ACGIH (2008)
2-Ethylhexyl alcohol	TWA	5 ppm		ACGIH (01 2022)

**Appropriate Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation. Use explosion-proof electrical equipment and prevent from static electricity.

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

**Eye/face protection:**

Safety glasses with side shield(Safety goggles or Face shield)

**Hand Protection:**

Rubber gloves

<b>Other:</b>	Full-body suit
<b>Respiratory Protection:</b>	Use chemical cartridge respirator for organic solvents, 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>	Liquid
<b>Color:</b>	Colorless clear
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	No data available.
<b>Freezing point:</b>	-39 °C/-38 °F
<b>Boiling Point:</b>	> 40 °C/104 °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>	28 °C/82 °F Method: Setaflash Closed Cup
<b>Auto-ignition temperature:</b>	> 100 °C/212 °F
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	No data available.

#### Viscosity

<b>Dynamic viscosity:</b>	126 mPa.s at 10 °C/50 °F 81 mPa.s at 20 °C/68 °F 53 mPa.s at 30 °C/86 °F
<b>Kinematic viscosity:</b>	No data available.
<b>Flow Time:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Separated from the emulsion
<b>Solubility (other):</b>	Soluble in ether
<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>	1.065 g/ml at 20 °C/68 °F 1.059 g/ml at 30 °C/86 °F

	1.052 g/ml at 40 °C/104 °F
<b>Relative vapor density:</b>	No data available.
<b>Particle characteristics</b>	
<b>Particle Size:</b>	No data available.
<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>	May form flammable gas or vapor. May form explosive gas/air mixtures.
<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</b>	
<b>Product:</b>	ATEmix: 769 mg/kg
<b>Dermal</b>	
<b>Product:</b>	ATEmix 2,308 mg/kg
<b>Inhalation</b>	
<b>Product:</b>	Vapour: ATEmix22 mg/l Dust and mist: Classification not possible due to insufficient data.

### Skin Corrosion/Irritation

<b>Product:</b>	OECD TG404 Rabbit, 4 h: Mild irritant undiluted Not classified based on available data.
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### Serious Eye Damage/Eye Irritation

<b>Product:</b>	OECD TG405 Rabbit: Severe undiluted
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### Respiratory or Skin Sensitization

<b>Product:</b>	Skin: Classification not possible due to insufficient data. Respiratory: Classification not possible due to insufficient data.
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### Carcinogenicity

<b>Product:</b>	Classification not possible due to insufficient data.
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**IARC:**

No carcinogens present or none present in regulated quantities

**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:** No data available.

**Components:**

Methanol Category 1: visual organs, Central nervous system: (88)  
2-Ethylhexyl alcohol Category 3: respiratory tract irritant: (88)

**Specific Target Organ Toxicity - Repeated Exposure**

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

**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): 37 mg/l

**Aquatic Invertebrates**

**Product:** No data available.

**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).

**Persistence and Degradability**

<b>Biodegradation</b>	
<b>Product:</b>	100 % (28 d, OECD TG301B) Readily biodegradable
<b>BOD/COD Ratio</b>	
<b>Product:</b>	No data available.
<b>Bioaccumulative potential</b>	
<b>Bioconcentration Factor (BCF)</b>	
<b>Product:</b>	No data available.
<b>Partition Coefficient n-octanol / water (log Kow)</b>	
<b>Product:</b>	No data available.
<b>Mobility in soil:</b>	No data available.
<b>Other adverse effects:</b>	No data available.

### 13. Disposal considerations

<b>Disposal methods:</b>	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 sulfur oxides. This material is containing flammable materials. Be careful in case of incineration. Remove the contents completely in case of disposal of the container.
<b>Contaminated Packaging:</b>	No data available.

### 14. Transport information

#### IMDG

UN Number:	UN 1993
UN Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S.(Methanol)
Transport Hazard Class(es)	
Class:	3
Label(s):	3
EmS No.:	F-E, S-E
Packing Group:	III
Limited quantity	5.00L
Excepted quantity	E1
Environmentally Hazardous:	No
Marine Pollutant:	No
Special precautions for user:	Not Regulated.

#### IATA

UN Number:	UN 1993
UN Proper Shipping Name:	Flammable liquid, n.o.s.(Methanol)
Transport Hazard Class(es):	
Class:	3
Label(s):	3
Packing Group:	III
Excepted quantity	E1



Environmentally Hazardous:	No
Marine Pollutant:	No
Special precautions for user:	Not Regulated.
Other information	
Passenger and cargo aircraft:	Allowed. 355
Cargo aircraft only:	Allowed. 366

**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.

**Emergency Response Guide Number:** 127

## 15. Regulatory information

**Federal regulations**

**Indonesia. Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia)**

Not Regulated

**Indonesia. Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)**

Not Regulated

**Indonesia. Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)**

Not Regulated

**Indonesia. Precursor Chemicals (Ministry of Trade Regulation No. 20 of 2021 on Import Policies and Arrangements, Appendix 1), as amended**

Not Regulated

**Indonesia. CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon)**

Not Regulated

**Indonesia. Ozone Depleting Substances (ODS) (Regulation of the Minister of Trade No. 83/M-DAG/PER/1/2012, Ann. I, II & III, as amended)**

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, including date of preparation or last revision

**Issue Date:** 20.09.2023

**Version #:** 1.0

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

**Further Information:** No data available.

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**Reference:**  
(88): ECHA-REACH Registered Substances Database