

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: +65-3158 1074(For chemical emergencies only)

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 organ, 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	No data available.	577-11-7	70%
Methanol	No data available.	67-56-1	10 - 20%
2-Ethylhexyl alcohol	No data available.	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.

Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion:	Rinse mouth. Call a POISON CENTER/doctor if you feel unwell. Immediately call a POISON CENTER/doctor.
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.

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.
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 sulfur 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.
Accidental release measures:	Keep away from sources of ignition and prepare extinguishing media. Do not use tools producing sparks
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.

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	TWA	200 ppm	262 mg/m ³	SG OEL (2006)
Methanol	STEL	250 ppm	328 mg/m ³	SG OEL (2006)

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

Other:

Full-body suit

Respiratory Protection: Use chemical cartridge respirator for organic solvents, 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: Liquid
Color: Colorless clear

Odor: Characteristic

Odor Threshold: No data available.

Freezing point: -39 °C/-38 °F

Boiling Point: > 40 °C/104 °F

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: 28 °C/82 °F
Method: Setaflash Closed Cup

Auto-ignition temperature: > 100 °C/212 °F

Decomposition Temperature: No data available.

pH: No data available.

Viscosity

Dynamic viscosity: 126 mPa.s at 10 °C/50 °F

81 mPa.s at 20 °C/68 °F

53 mPa.s at 30 °C/86 °F

Kinematic viscosity: No data available.

Flow Time: No data available.

Solubility(ies)

Solubility in Water: Separated from the emulsion

Solubility (other): Soluble in ether

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

Vapor pressure: No data available.

Relative density: No data available.

Density: 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

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:	No data available.
Possibility of hazardous reactions:	May form flammable gas or vapor. May form explosive gas/air mixtures.
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:	ATEmix: 769 mg/kg
Dermal Product:	ATEmix 2,308 mg/kg
Inhalation Product:	Vapour: ATEmix22 mg/l Dust and mist: Classification not possible due to insufficient data.

Skin Corrosion/Irritation

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

Product:	OECD TG405 Rabbit: Severe undiluted
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Respiratory or Skin Sensitization

Product:	Skin: Classification not possible due to insufficient data. Respiratory: Classification not possible due to insufficient data.
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Carcinogenicity

Product:	Classification not possible due to insufficient data.
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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

Biodegradation

Product: 100 % (28 d, OECD TG301B) 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. 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.

Contaminated Packaging: No data available.

14. Transport information

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

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.

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

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

GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid

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: 2023.09.20

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:

(88): ECHA-REACH Registered Substances Database