

Product name:
 KAO WAX EB-P

SAFETY DATA SHEET

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

Product name:

KAO WAX EB-P

Product No.: B0002390

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 Oleochemical (Malaysia) Sdn. Bhd.
Address:	2510, Lorong Perusahaan Satu, Prai Industrial Complex, 13600 Prai, Penang, MALAYSIA
Telephone:	+60-4-399-8500
Fax:	+60-4-390-3646
Contact division:	-
E-mail:	-

Emergency telephone number: +60-3-6207-4347

2. Hazard(s) identification

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. Call a POISON CENTER/doctor if you feel unwell.

Storage: Store in a well-ventilated place.

Disposal: -

Product name:
KAO WAX EB-P

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 (%)
N,N-亞乙基雙硬脂酸酰胺 N,N'-Ethylenebis(stearamide)	-	110-30-5	

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:	Water spray, powder
Unsuitable extinguishing media:	No data available.
Special hazards arising from the substance or mixture:	Produce irritating or toxic gases in a fire.

Product name:
 KAO WAX EB-P

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 nitrogen oxides. Avoid inhalation of smoke or gases.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Use mask, goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation. Treat from upwind position.
Accidental release measures:	Keep away from sources of ignition and prepare extinguishing media.
Methods and material for containment and cleaning up:	Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.
Environmental Precautions:	Do not discharge into the drains, surface waters or ground water directly.

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 local exhaust ventilation, in case of generation of dust.
Safe handling advice:	Keep away from source of ignition. Avoid inhalation of fine dust . Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion.
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.
Safe packaging materials:	No data available.

Product name:
 KAO WAX EB-P

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

ACGIH (TLV) : 10 mg/m³ TWA (inhalable particles, recommended);
 3 mg/m³ TWA(respirable particles, recommended)
 (Particulates (insoluble or poorly soluble) not otherwise specified (PNOS))

OSHA (PEL) : 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)
 (Particulates not otherwise regulated)

Engineering measures: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation, in case of generation of dust.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses with side shield(Safety goggles or Face shield)

Hand Protection: Material: Rubber gloves

Skin and Body Protection: Full-body suit

Respiratory Protection: Use dust mask, as appropriate to situation.

Hygiene measures: No data available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state: Solid

Form: Powder

Color: White

Odor: Slight characteristic odor

Odor Threshold: No data available.

Melting Point: 141.5 - 146.5 °C/286.7 - 295.7 °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: 296 °C/565 °F (Cleveland open cup)

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

Decomposition Temperature: No data available.

pH: 7.2 (1% suspension(n-butanol/water=9/1))

Product name:
 KAO WAX EB-P

Viscosity

Dynamic viscosity: 10 mPa.s (160 °C/320 °F)
 5 mPa.s (190 °C/374 °F)
 4 mPa.s (200 °C/392 °F)

Kinematic viscosity: No data available.

Flow Time: No data available.

Solubility(ies)

Solubility in Water: Insoluble in water

Solubility (other): Slightly soluble in toluene and butyl alcohol

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

Vapor pressure: 13 Pa (25 °C/77 °F)

Relative density: No data available.

Density: 0.59 g/ml (20 °C/68 °F)
 0.815 g/ml (160 °C/320 °F)
 0.794 g/ml (190 °C/374 °F)

Relative vapor density: No data available.

Particle characteristics

Particle Size: No data available.

Particle Size Distribution: No data available.

Other information

Heat of combustion: ≥ 34 kJ/g

10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Stable in general.

Possibility of hazardous reactions: No data available.

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: LD 50 (Rat, Female, Male): $> 2,000$ mg/kg Not classified
 Not classified based on available data.

Dermal

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

Product name:
 KAO WAX EB-P

Inhalation

Product: Dust and mist: 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: OECD TG405 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: No data available.
 Not classified based on available data of component(s).

Aspiration Hazard

Product: No data available.

Other effects:

No data available.

12. Ecological information

Ecotoxicity:

Acute 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).

Product name:
 KAO WAX EB-P

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: 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. This product may cause risk of dust explosion. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.

Contaminated Packaging: No data available.

14. Transport information

IATA

Not Regulated.

IMDG

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.

Product name:
 KAO WAX EB-P

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:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia Industrial Chem. Act (AIC):	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):	Registered
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

16. Other Information

Issue Date: 2022.05.25

Revision Date 2025.03.14

Version #: 2.0

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.

Revision Information Not relevant.

Product name:
KAO WAX EB-P

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.