

Product name:
ELEC PC-3

SAFETY DATA SHEET

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

Product name:

ELEC PC-3

Product No.: A0000276

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

Health Hazards

Acute toxicity (Oral)	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B
Toxic to reproduction	Category 2

Unknown toxicity - Health

Acute toxicity, oral	5 %
Acute toxicity, dermal	5 %
Acute toxicity, inhalation, dust or mist	95 %

Environmental Hazards

Acute hazards to the aquatic environment	Category 2
Chronic hazards to the aquatic environment	Category 3

Unknown toxicity - Environment

Acute hazards to the aquatic environment	5 %
Chronic hazards to the aquatic environment	5 %

Product name:
 ELEC PC-3

Label Elements

Pictograms:



Signal Word:

Warning

Hazard Statement:

Harmful if swallowed.
 Causes skin and eye irritation.
 Suspected of damaging fertility or the unborn child.
 Toxic to aquatic life.
 Harmful to aquatic life with long lasting effects.

Precautionary Statements Prevention:

Obtain special instructions(SDS) before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.

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. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention.

Storage:

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 (%)
烷烴磺酸鈉鹽 Sulfonic acids, alkane, sodium salts	-	Trade Secret	

4. First-aid measures

Product name:
 ELEC PC-3

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. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before re-use.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.
Ingestion:	Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.
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.
---	--

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. 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. 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 mask, goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation. Treat from upwind position.
---	---

Product name:
 ELEC PC-3

Accidental release measures:	No data available.
Methods and material for containment and cleaning up:	Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.
Environmental Precautions:	Avoid release to the environment.

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:	Avoid inhalation of fine dust . Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion. Do not eat, drink or smoke when using the product.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	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

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

Product name:
 ELEC PC-3

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: Odorless
Odor Threshold: No data available.
Melting Point: No data available.
Boiling Point: No data available.
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: No data available.
Auto-ignition temperature: No data available.
Decomposition Temperature: No data available.
pH: 10.1 (1% solution)

Viscosity

Dynamic viscosity: No data available.
Kinematic viscosity: No data available.
Flow Time: No data available.

Solubility(ies)

Solubility in Water: A part of component is insoluble in water
Solubility (other): No data available.
Partition coefficient (n-octanol/water): No data available.
Vapor pressure: No data available.
Relative density: No data available.
Density: 0.68 g/ml
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

Product name:
 ELEC PC-3

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Stable in general.
Possibility of hazardous reactions:	Has no self-reactivity.
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: 1,412 mg/kg
Dermal Product:	Classification not possible due to insufficient data.
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: No data available.

Components:
 烷烴磺酸鈉鹽
 Sulfonic acids, alkane,
 sodium salts
 Category 2: (88)

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:
 烷烴磺酸鈉鹽
 Sulfonic acids, alkane,
 sodium salts
 Category 2B: (88)

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.

Product name:
 ELEC PC-3

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: No data available.

Components:
 烷烴磺酸鈉鹽
 Sulfonic acids, alkane,
 sodium salts
 Category 2: (88)

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.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:
 烷烴磺酸鈉鹽
 Sulfonic acids, alkane,
 sodium salts
 Category 2 (88)

Chronic hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Product name:
ELEC PC-3

Components:

烷烴磺酸鈉鹽 Category 3: (88)
Sulfonic acids, alkane,
sodium salts

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 sulfur 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.

15. Regulatory information

National regulatory information:

Regulations on Occupational Safety and Health Facilities

Product name:
 ELEC PC-3

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 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:	Not 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: 2021.08.12

Revision Date: 2024.09.20

Version #: 3.0

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.

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