

Product name:  
ELEC PC

# SAFETY DATA SHEET

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

**Product name:**

ELEC PC

**Product No.:** A0000274

**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
Serious Eye Damage/Eye Irritation	Category 1
Toxic to reproduction	Category 2

**Unknown toxicity - Health**

Acute toxicity, inhalation, dust or mist	100 %
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**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	10 %
Chronic hazards to the aquatic environment	10 %

**Label Elements**

**Pictograms:**

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**Signal Word:** Danger

**Hazard Statement:** Harmful if swallowed.  
 Causes serious eye damage.  
 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. Immediately call a POISON CENTER/doctor. IF ON SKIN: Wash with plenty of soap and water. 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**

**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.

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**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:** 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.

**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.

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## 7. Handling and storage

### Handling

<b>Technical measures:</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Local/Total ventilation:</b>	Use local exhaust ventilation, in case of generation of dust.
<b>Safe handling advice:</b>	Avoid inhalation of fine dust . Avoid contact with eyes. 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.
<b>Contact avoidance measures:</b>	No data available.

### Storage

<b>Safe storage conditions:</b>	Keep container tightly closed. Store in a well-ventilated place. Store locked up.
<b>Safe packaging materials:</b>	No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

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

OSHA (PEL) : 15 mg/m<sup>3</sup> TWA (total dust); 5 mg/m<sup>3</sup> TWA (respirable fraction)  
 (Particulates not otherwise regulated)

<b>Engineering measures:</b>	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.
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### Individual protection measures, such as personal protective equipment

<b>Eye/face protection:</b>	Safety glasses with side shield(Safety goggles or Face shield)
<b>Hand Protection:</b>	Material: Rubber gloves
<b>Skin and Body Protection:</b>	Full-body suit
<b>Respiratory Protection:</b>	Use dust mask, as appropriate to situation.
<b>Hygiene measures:</b>	No data available.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

<b>Physical state:</b>	Solid
<b>Form:</b>	Powder
<b>Color:</b>	Pale yellow-white
<b>Odor:</b>	Almost odorless
<b>Odor Threshold:</b>	No data available.
<b>Melting Point:</b>	100 - 120 °C/212 - 248 °F
<b>Boiling Point:</b>	No data available.
<b>Flammability:</b>	No data available.

#### Upper/lower limit on flammability or explosive limits

<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	10.1 (1% solution)

#### Viscosity

<b>Dynamic viscosity:</b>	140 mPa.s (150 °C/302 °F)
<b>Kinematic viscosity:</b>	No data available.
<b>Flow Time:</b>	No data available.

#### Solubility(ies)

<b>Solubility in Water:</b>	A part of component is insoluble in water
<b>Solubility (other):</b>	Insoluble in various organic solvents
<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>	No data available.
<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>	Stable in general.

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**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:** ATEmix 25,000 mg/kg  
**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: Not classified undiluted  
 Not classified based on available data.

### Serious Eye Damage/Eye Irritation

**Product:** OECD TG405 Rabbit: Severe undiluted

### 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:** 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.

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**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:** LC 50 (Rainbow Trout, 96 h): 4.2 mg/l (OECD TG203)

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

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

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**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.

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**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**

**Standards for the Storage, Cleanup, Handling and Disposal of Industrial Waste.**

**Regulations on Labelling and Hazard Communication of Hazardous Chemicals**

#### 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



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## 16. Other Information

**Issue Date:** 2021.10.12

**Revision Date** 2024.09.20

**Version #:** 2.0

**Organization that prepared the SDS and SDS Author:**

**SDS Author:** Kao (Taiwan) Corporation  
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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.

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