

ELEC PC-3

# CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

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

### Product name:

ELEC PC-3

**Product No.:** A0000276

#### Recommended use and restriction on use

Recommended use: Antistatic agent 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

Emergency Overview: White Powder. Odor: Odorless. Hazard statements: 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. Notes to physician: Get medical attention if symptoms occur.

### **GHS classification**

# Health Hazards

	Acute toxicity (Oral) Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation Toxic to reproduction	Category 4 Category 2 Category 2B Category 2
Environn	nental Hazards Acute hazards to the aquatic environment	Category 2
Label Eler	Chronic hazards to the aquatic environment nents Pictograms:	Category 3

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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 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.
Physical and Chemical Hazards Health Hazards: None. Environmental Hazards: None.	: None.
Other hazards which do not result in GHS classification:	None.

# 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	CAS number	Content in percent (%)
Sulfonic acids, alkane, sodium salts	Trade Secret	

4. First-aid measures

Last revised date: - Issue Date: 12.10.2021 eep comfortable for breathing.
eep comfortable for breathing.
nd water. If skin irritation occurs, get contaminated clothing and wash ited clothing.
veral minutes. Remove contact Continue rinsing. Get medical
NTER/doctor if you feel unwell.
: 1 (

# 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	d precautions for firefighters
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.

Personal precautions, protective equipment and emergency procedures:	Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation. Keep upwind.
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.
Prevention of secondary hazards:	No data available.

# 7. Handling and storage

# Handling

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Technical measures (e.g. Local and general ventilation):	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.
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 Limit	S

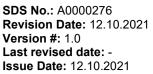
ACGIH (TLV)	: 10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA(respirable particles, recommended) (Particulates (insoluble or poorly soluble) not otherwise specified (PNOS))
OSHA (PEL)	: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) (Particulates not otherwise regulated)
Appropriate Engineering Controls:	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.
Monitoring methods:	No data available.
Individual protection measur Eye/face protection:	es, such as personal protective equipment Safety glasses with side shield(Safety goggles or Face shield)
Hand Protection:	Material: Rubber gloves
Skin and Body Protection:	Full-body suit
<b>Respiratory Protection:</b>	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

White

**Color:** SDS CN-A0000276-A



Product name:
ELEC PC-3

**Kao** 

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.		
Self Ignition Temperature:	No data available.		
Decomposition	No data available.		
Temperature:			
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-	No data available.		
octanol/water):			
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.		
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# 10. Stability and reactivity

11. Toxicological information		
Hazardous Decomposition Products:	No data available.	
Incompatible Materials:	No data available.	
Conditions to avoid:	No data available.	
Possibility of hazardous reactions:	Has no self-reactivity.	
Chemical Stability:	Stable in general.	
Reactivity:	No data available.	



#### Acute toxicity (list all possible routes of exposure) Oral Product: ATEmix: 1,412 mg/kg **Components:** Sulfonic acids, alkane, Category 4: (88) sodium salts Dermal Product: Classification not possible due to insufficient data. Inhalation Product: Dusts, mists and fumes: 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: Sulfonic acids, alkane, Category 2: (88) sodium salts Serious Eye Damage/Eye Irritation **Product:** No data available. Components: Sulfonic acids, alkane, Category 2B: (88) sodium salts **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:** Classification not possible due to insufficient data. In vivo **Product:** Classification not possible due to insufficient data. **Reproductive toxicity** Product: No data available. **Components:** Sulfonic acids, alkane, Category 2: (88) sodium salts **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.



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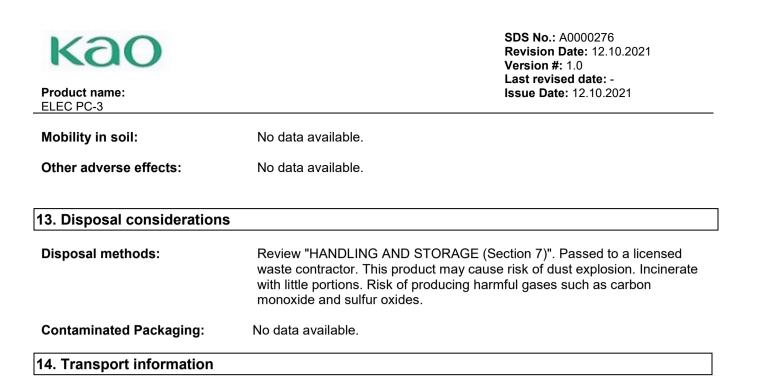
Aspiration Hazard Product:	No data available.
Other effects:	No data available.

# 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.	
<b>Components:</b> 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.	
Toxicity to Aquatic Plants Product:	No data available.	
<b>Components:</b> Sulfonic acids, alkane, sodium salts	Category 3: (88)	
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.		



#### IMDG

Not regulated. IATA Not regulated.

## 15. Regulatory information

### China. Catalog of Hazardous Chemicals

Not Regulated

China. Precursor Chemicals (Decree No. 445 of the PRC on Regulation for Administration of Precursor Chemicals, Appendix: Categories 1-3)

Not Regulated

# China: CWC. Controlled Chemicals List (Regulations on the Administration of Controlled Chemicals, Decree No. 190, Dec. 27, 1995, as amended)

Not Regulated

### China. Explosive Precursor Hazardous Chemicals (Ministry of Public Safety, 2011 version)

Not Regulated

### **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	

### Should comply with local regulations in respect of this product.

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16. Other Information	
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Version #:	1.0
Revision Date:	
Further Information:	No data available.
<b>Revision Information</b>	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:	

### eference

(88): ECHA-REACH Registered Substances Database