

# MATERIAL SAFETY DATA SHEET

DATE PREPARED : 12. Mar, 2017

## 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

▲ **CHEMICAL PRODUCT NAME** : POLYCARBOXYLATE ETHER(PCE)

**Synonyms:**Carboxylate Co-Polymer

**Supplier:**

Taos Chemical Co.,Ltd

136#,Lingdouyili,Siming,

Xiamen,Fujian,China

Phone:+86-592-5963162

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**Emergency telephone number**

Emergency Telephone      24Hour Emergency Phone Number

Taos Chemical Co.,Ltd

+86-18059200810

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

	(1)	(2)
CHEMICAL NAME :	PCA	Water
CAS REGISTRY NUMBER :	70879-60-6	7732-18-5
INGREDIENTS & COMPOSITION :	40%	60%

## 3. HAZARD IDENTIFICATION

▲ **CLASS NAME OF HAZARDOUS CHEMICALS** :

Not applicable.

▲ **PHYSICAL AND CHEMICAL HAZARDS:**

Not flammable .

▲ **ADVERSE HUMAN HEALTH EFFECTS:**

This substance is believed to present hazard if swallowed.

May cause skin and eye irritation.

▲ **ENVIRONMENTAL EFFECTS:**

Do not release into environment directly, purify the waste water first.

#### **4. FIRST-AID MEASURES**

##### **▲ EYE CONTACT:**

First rinse with plenty of water for at least 10 minutes (remove contact lenses if easily possible), and then consult physician if irritation persists.

##### **▲ SKIN CONTACT:**

Take off the contaminated clothes immediately, wash with soap and water. Consult physician if irritation develops.

##### **▲ INHALATION:**

No hazard in normal industrial use.

##### **▲ INGESTION:**

Rinse mouth with water. Give the person one or two glasses of water and then consult physician. In extreme emergency, induce the victim to vomiting under professional supervisions.

#### **5. FIRE-FIGHTING MEASURES**

##### **▲ EXTINGUISHING MEDIA**

Aqueous solution is not flammable.

##### **▲ SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES**

In case of fire in the surroundings, evacuate the substances to a safe place. Fire may cause substances to decompose or burning.

#### **6. ACCIDENTAL RELEASE MEASURES**

Evacuate no essential personnel.

Collect leaking and spilled liquid in sealable containers as far as possible and rinse the residua and ground with plenty of water.

#### **7. HANDLING & STORAGE**

##### **▲ HANDLING:**

Sealed the product in containers, do not rinse the product into sewers or drains. Avoid contact with eyes.

Skin and clothing.

##### **▲ STORAGE:**

Keep container closed when not in use. Do not store the product directly under sunlight.

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

### **▲ ENGINEERING MEASURES:**

Ventilation must be adequacy.

### **▲ PERSONAL PROTECTIVE EQUIPMENT**

Common rules: Do not eat, drink and smoke at working place. Avoid to long-time contact the substance and breathe the dust of the substance. Change the contaminated clothing and wash it.

### **√ RESPIRATION PROTECTION:**

Necessary.

### **√ EYE PROTECION:**

Face shields of safety goggle with side shields

### **√ HAND, SKIN AND BODY PROTECTION:**

Where contact is likely, wear rubber gloves, rubber boots

## **9. PHYSICAL & CHEMICAL PROPERTIES**

APPEARANCE : Clear brown color    ODOR: Odorless

PH (25°C) : 6.9 (20% Solution)    SOLUBILITY IN WATER : Very good

Bulk DENSITY (25°C) : 1.12±0.02 g/ml    BOILING POINT: 100°C

MELTING POINT : Not applicable    VISCOSITY: 53 ±5 mpa-S (20% Solution)

## **10. STABILITY & REACTIVITY**

### **▲ STORAGE:**

Keep away from the heat, direct sunlight and fire.

### **▲ SUBSTANCE TO AVOID:**

Strong oxidant.

### **▲ HAZARDOUS DECOMPOSITION PRODUCT:**

This substance will not decompose hazardously.

## **11. TOXICOLOGICAL INFORMATION: Not belong to toxic substances.**

▲ CORROSIVE AND IRRITANT PROPERTIES:

Not belong to corrosives, may cause skin/eye irritation.

▲ ALLERGENIC AND SENSITIVE EFFECTS:

No relevant information found

▲ ACUTE AND CHRONIC TOXICITY:

No relevant information found

▲ EFFECTS ON THE REPRODUCTIVE SYSTEM:

No relevant information found

▲ TERATOGENIC EFFECTS

No relevant information found

**12. ECOLOGICAL INFORMATION: Not belong to radioactive material.**

BIODEGRADABILITY : No information

BIOACCUMULATION : No information

FISH TOXICITY : No information

**13. DISPOSAL CONSIDERATION**

Burn in a chemical incinerator equipped with an afterburner and scrubber. Before discarding it, consult with the local specialist of water treatment.

**14. TRANSPORT INFORMATION**

The substance is not subject to IATA DGR.

Hazard Class: Not Regulated; UN No: Not listed

Special Provisions for Transport: Not applicable

**15. REGULATORY INFORMATION**

Risk phrase(s): None allocated

Safety phrase(s): None allocated

## **16. OTHER INFORMATION**

To the best of our knowledge, the information contained herein is accurate. However, we does not assume any liability whatsoever for any of its completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.