

## 1. Identification

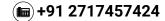
Product identifier: Hybrid PCE Polymer

Details of the supplier of the safety data sheet

Company: NISHU CHEMTECH PRIVATE LIMITED Plot no. 1, Kerala GIDC, Ahmedabad Gujarat- 382220

Contact Address: NISHU CHEMTECH PRIVATE LIMITED B-302, INCEPTUM, Ahmedabad. Gujarat-380058

**Telephone Number** 





Other means of identification

Chemical Family: Polycarboxylate ether, Aqueous solution

## 2. Product Composition and Ingredient Information

Ingredient	CAS NO.	% Range
Polycarboxylate Ether	27599-56-0	50
Water	7732-18-5	50



## 3. Hazardous identification



Signal Word: Warning

Hazard Statement:

H316: May cause a mild allergic skin reaction.

#### **Precautionary Statements (Prevention):**

P280: Wear protective gloves.

**P261:** Avoid breathing dust/fume/gas/mist/vapors/spray.

P272: Contaminated clothing should not be allowed out of the workplace.

#### **Precautionary Statements (Response):**

P302 + P352 - If on skin: Wash with plenty of soap and water.

P333 + P313 - If skin irritation or rash occurs: Get medical attention.

**P362 + P364** - Take off contaminated clothing and wash it before reuse.

P301 + P315 - If swallowed: Get immediate medical attention.

#### **Precautionary Statements (Disposal):**

P501: Dispose of contents and container to hazardous or special waste collection point.

#### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

Labeling of special preparations (GHS):

**Caution** - substance not yet fully tested. This is a research sample and has not been assessed for environmental, healthand safety aspects.



## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Immediately remove contaminated clothing.

#### If inhaled:

Keep the patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

#### If on skin:

Wash affected areas thoroughly with soap and water. Seek medical attention.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

#### If swallowed:

Rinse mouth and then drink 200-300ml of water. Do not induce vomiting. Seek medical attention.

#### Most important symptoms and effects, both acute and delayed:

Symptoms:

allergic contact dermatitis Hazards:

No applicable information is available.



## **5. Fire-Fighting Measures**

### Description of first aid measures

Extinguishing media:

#### Suitable extinguishing media:

Water Spray, Dry Powder, Foam

#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Harmful vapors

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

#### **Further information:**

Contaminated extinguishing water must be disposed of in accordance with official regulations.

#### 6. Accidental release measures

#### Personal precautions, protective equipment, and emergency procedures

Use personal protective clothing.

#### **Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

#### Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

For residues: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Dispose of absorbed material in accordance with regulations.

Spills should be contained, solidified, and placed in suitable containers for disposal.



### 7. Handling and Storage

#### Precautions for safe handling

No special measures are necessary provided it is used correctly.

#### Protection against and explosion:

No special precautions are necessary.

#### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and in a cool place.

### 8. Exposure Controls/Personal Protection

No occupational exposure limits are known.

Advice on system design: Ensure adequate ventilation.

#### Personal protective equipment Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection: Protective gloves

Eye protection: Safety glasses with side-shields. Wear a face shield if a splashing hazard exists.

**Body protection:** Protective clothing

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

Form: Liquid | Odour: Product specific | Colour: Colourless to Pale Yellow | pH value: approx. 3.0 - 6.0

Density: approx.1.0 - 1.2g/cm3

Solubility in water: Soluble in Water

Miscibility with water: @20°C completely (e.g. >=90%)

Solid Contents: 50% Flashpoint: Not applicable Flammability: Not determined Chloride Content: Below 200 PPM



## 10. Stability and Reactivity

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals: Corrosive effects to metal are not anticipated.

Oxidizing properties: Not fire-propagating

Chemical stability: The product is chemically stable.

#### Possibility of hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

The product is chemically stable.

Conditions to avoid: No conditions known that should be avoided.

**Incompatible materials:** Avoid Strong Oxidizers.

#### **Hazardous decomposition products**

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

### 11. Disposal considerations

#### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations.

It is the waste generator's responsibility to determine if a particular waste is hazardous.

#### **Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

#### 12. Transport Information

Land transport (MoRTH / RID / ADR): Not classified as a dangerous good under transport regulations

Sea transport (IMDG): Not classified as a dangerous good under transport regulations

**Air transport (IATA/ICAO)**: Not classified as a dangerous good under transport regulations It is the waste generator's responsibility to determine if a particular waste is hazardous.