SAFETY DATA SHEET
Low Viscosity PCE

1. Identification

Product identifier: **Low Viscosity 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 **+91 2717457424** **+91 9099871119**

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.