

MATERIAL SAFETY DATA SHEET

1. HAZARDS IDENTIFICATION

Adverse human health effects: Hazardous in case of ingestion, of inhalation.
Slightly hazardous In case of skin contact.

Environmental effects: Hazardous to aquatic systems.

Physical and chemical hazards: Noncombustible liquid.

Fire or explosion: Requires a source of ignition, presence of air and temperature greater than the flash point.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Composition: Carboxylate Oligomers

3. AID MEASURES

Eye: Immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin: Wash material off the skin with copious amount of soap and water.

Inhalation: Remove victim to fresh air.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never given by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or Waistband. Get medical attention if symptoms appear.

4. FIRE FIGHTING MEASURES

Fire hazards in presence of various substances:

Firefighting media and instructions:

Extinguishing media: foam, dry chemical, carbon dioxide.

Firefighting procedure: emergency responders should wear self-contained breathing apparatus.

5. ACCIDENTAL RELEASE MEASURES

Small spill : Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill : Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

6. HANDLING AND STORAGE

Handling precautions : Avoid container damage.

Storage precaution : Store in sealed containers, preferable away from heat or light.
Store in a cool, dry location in original container in a well-ventilated area

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eye wash stations and safety showers are proximal to the work-station location.

Personal protection : Safety glasses. Lab coat.

Personal protection in case of a large spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective Clothing might not be sufficient : Consult a specialist before handling this product

8. PHYSICAL AND CHEMICAL PROPERTIES

Below properties are typical, and should not be taken as Certificate of Analysis

Color:	Clear liquid
Solubility:	Sp.gravity @ 25°C
Soluble in all brine ratios:	1.12-1.15
Flash Point:	180°F
Pour Point:	-3°C
PH:	4-5

9. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions of use.
Conditions to Avoid	: Heat, flames and spark. Reacts with strong oxidizing agent
Hazards Decomposition Products	: Unknown toxic products may be formed
Corrosively	: Non-corrosive in presence of glass.

10. TOXICOLOGICAL INFORMATION

Degradability : Potentially biodegradable

11. ECOLOGICAL INFORMATION

Acute toxicity	: LD50 oral(rat) 220mg/kg
Ingestion	: Dizziness, possible dermatitis
Local effects	: Irritating to eyes and skin

12. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with local environmental control regulation.

13. TRANSPORT INFORMATION

UN No. : 1993
Packaging category : Class: Irritant (X1).

14. OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products properties. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely the users' responsibility.