

# Epichlorohydrin ECH

## 1. Description

Epichlorohydrin is a colorless oily liquid with pungent smell such as ether and chloroform. It is flammable, volatile, toxic and anesthetic. It is miscible with many organic solvents such as ethanol, propanol, ether, chloroform, acetone, trichloroethylene and carbon tetrachloride. It is easily soluble in benzene and slightly soluble in water. Because the molecular structure contains active chlorine atoms and epoxy groups, it is chemically active.

## 2. Application

- Synthesis of bisphenol-A glycidyl ether
- Solvent
- Coating
- Epoxy resin
- Surface active agent

## 3. Product parameters

Test items	Detection index	Units
appearance	No obvious mechanical impurities	/
melting point	-25.6	
boiling point	117	
density	1.18	g/cm <sup>3</sup>
flash point	40.6	
freezing point	-57.2	

Solubility	miscible with most organic solvents and slightly soluble in water	/
------------	--	---

#### 4. Product packaging

This product is packed in 240kg sealed galvanized iron barrel, and this product is a dangerous chemical

Other packaging can be provided on request.

#### 5. Storage and precautions

- 1). Store in a cool and ventilated warehouse. Keep away from kindling and heat sources. The storage temperature should not exceed 30 .
- 2). It shall be stored separately from acids, alkalis and edible chemicals, and mixed storage shall not be allowed.
- 3). Explosion proof lighting and ventilation facilities shall be adopted. It is forbidden to use mechanical equipment and tools that are easy to produce sparks.

#### Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular.