

## Forum Chemical Technical Specification Sheet

### Epichlorohydrin(Bio Based)

Epichlorohydrin is clear, colorless, volatile & flammable liquid. It is versatile chemical intermediate and is mainly used as raw material for various applications.

### Specifications

| Characteristics | Unit | Standard Value  |
|-----------------|------|-----------------|
| Appearance      | --   | Clear Colorless |
| Color           | APHA | <15             |
| Purity          | %    | 99.8 Min        |
| Water           | Ppm  | <150            |

- Produced using 100% Bio-Base renewable, produced using Glycerin.
- Supply of Epichlorohydrin in its pure form, clear, colorless liquid.
- High Degree of product purity, > 99.8.Reduce % waste generation at the end customer.
- A distinctive technology enables brine recycling and drastically reduces liquid effluents from the process.
- Optimal design, optimization of the effluent and emission disposal system requirements.

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Commercial Trade Name: | Epichlorohydrin                                          |
| Synonyms:              | (Chloromethyl)ethylene oxide. 1-Chloro-2, 3-epoxypropane |
| State:                 | Liquid                                                   |
| Chemical Formula:      | C <sub>3</sub> H <sub>5</sub> OCl                        |
| Molecular Wt:          | 92.50 g/mole                                             |
| Package Unit:          | 230 kgs of HDPE drum (Net), MS Drum and ISO Tank         |

|               |                           |
|---------------|---------------------------|
| Applications: | Epoxy Resin               |
|               | Water Treatment Chemicals |
|               | Textiles                  |
|               | Pharmaceuticals           |
|               | Paper Reinforcement       |
|               | Synthetic Glycerin        |