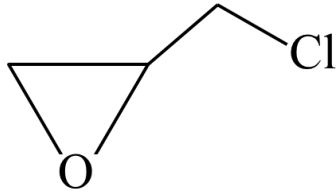


Chemical Structure and Identity



Technology	TechnipFMC's EPICEROL Technology.
PRODUCTION CAPACITY	136 TPD
CAS No	106-89-8
EINECS No	203-439-8
UN No	2023
Class	6.1 (3)
Packing Group	II
State	Liquid
Commercial Trade Name	Epichlorohydrin
synonyms	(Chloromethyl)ethylene oxide, 1-Chloro-2,3-epoxypropane
Chemical Formula	C ₃ H ₅ ClO
Molecular Wt	92.50 g/mole
Handling & Safety	<ul style="list-style-type: none">➤ Acute Toxicity Oral / inhalation / dermal - H302: Harmful if swallowed.➤ Irritation / corrosion Skin / eye / respiratory test H311: Toxic in contact with skin. H331: Toxic if inhaled.➤ Sensitization H314: Causes severe skin burns and eye damage.➤ Toxicity after repeated exposure Oral / inhalation / dermal -H317: May cause an allergic skin reaction➤ Genotoxicity / Mutagenicity -Not classified➤ Carcinogenicity- Not classified➤ Reproductive / Developmental Toxicity H350: May cause cancer➤ Aspiration hazard Not applicable
Application	Used in production of Epoxy Resin <ul style="list-style-type: none">• Major use of Epoxy resin is in Coating (Industrial/ Automotive/ packaging)• Epoxy resin use in Composites which have major application in Aerospace, Wind mill, Automotive and some fiber glass pipes and tanks.• Other uses of Epoxy resin for Bonding and Adhesives, PCB laminates, Flooring and paving, Tooling and castings etc. <p>To prepare anti-static agents and textile sizing agent.</p> <p>Ion Exchange resin.</p>

EPICHLOROHYDRIN 99.8% MIN.

Technical Data Sheet



Paper sizing agent.

Surface Active Agents

Plasticizer in Vinyl polymers and Polyurethane.

Surface Active Agents in cosmetics and shampoos, water softeners, and demulsifiers.

Agriculture Products.

Pharmaceuticals

Other applications as Asphalt Improvers, Corrosion Inhibitors, Electrical insulation for wire , Lubricant additive, inks and dyes etc.

Package Unit

In Tanker Load and Drum

Contact

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