

EPINITY®**Bio-based Epichlorohydrin**

PDS-EPINITY-Ver2.2023 (Issued date 03.07.2023)

Product Description

EPINITY® is 100% bio-based Epichlorohydrin* from renewable glycerine. EPINITY® is mainly used as a precursor to epoxy resins, with uses in protective coatings, electronic components, adhesives and advanced composite materials. Other applications include paper and water treatment chemicals, mild surfactants in personal care and fine chemical applications.

*100% biobased carbon content confirmed by accredited and independent laboratory using ASTM D-6866-12

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food additives, water treatment, the pharmaceutical industry, etc.). The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual properties rights; and shall comply with the laws and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use.

For further information on product, please visit our website at <https://epinitychem.com>.

Product Identification

Chemical Name Epichlorohydrin or 1-chloro-2,3-epoxypropane

Molecular Mass 92.5

CAS Number 106-89-8

EC Number 203-439-8

ID Number 603-026-00-6

Product Specifications

	Unit	Value	Method of analysis
Epichlorohydrin	%	Min. 99.9	GC-FID
Water	mg/kg	Max. 100	ASTM E1064
Colour	APHA	Max. 15	ISO 2211
Appearance		Clear liquid, free from visible matter or particles	ASTM D 3741/B

EPINITY® may be stored during 2 years from the manufacturing date without loss of its properties under the recommended conditions of handling and storage.

Safety and Handling

Please refer to Safety Data Sheet (SDS)

Transportation Information

UN Number UN2023

Hazard Class 6.1

Packing Group II

Packaging

Bulk, ISO tank, and Steel Drum (230kgs)

AGC
AGC VINYTHAI

Manufacture and Supply by

AGC Vinythai Public Company Limited

No. 2, I-3 Road, Map Ta Phut Industrial Estate, Map Ta Phut Subdistrict,
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