

EPICHLOROHYDRIN

PDS-2200-0001

Plants

Rheinberg (Germany), Tavaux (France).

Standard Specification

Product characteristics

Content	Unit	Value	Method of analysis
Epichlorohydrin – assay	% (m/m) ⁽¹⁾	min 99.8	ANA-040001
Colour	APHA ⁽²⁾	max 15	ISO 2211
Water	mg/kg	max 100	ASTM E 1064 Coulometric Karl Fischer Titration
Appearance		Clear liquid, free from visible matter or particles	ANA-040009 * ASTM D 3741/B

(1) % (m/m) = weight %

(2) APHA = HAZEN = Platinum-cobalt scales

Certificates

of Conformity EN 10204:2004 § 2.1: for appearance.

of Analysis EN 10204:2004 § 3.1: for the other items of the product characteristics.

Packaging characteristics

Available in bulk (railcars 32 & 62 m³; road tankers 20 to 24 m³; isocontainers 24 m³), IBC's 1,15 m³ and 200-litre metallic drums (230kg net, also available on pallets).

Please contact us for further information on product characteristics (methods of analysis, etc) and packaging characteristics (description, etc).

Identification

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Epichlorohydrin

1-chloro-2,3-epoxypropane

Molecular mass

92.53

CAS number

106-89-8

ID number (Annexe 1)

603-026-00-6

EU number (EINECS)

203-439-8

EPICHLOROHYDRIN

Physical and chemical characteristics

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Characteristic	Unit	Value
Boiling point (@ 1 bar)	°C	116
Flash point (closed cup)	°C	31
Density (@ 20 °C)	D20/4	1.18
Vapour pressure (@ 20°C)	bar abs	0.017

Safety

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European directive 67/548/EEC amended by 92/32/EEC / art 26 & 2 (30 April 1992)

- Carcinogenic – category 2,
- T – Toxic,
- May cause cancer,
- Flammable,
- Toxic by inhalation, in contact with skin and if swallowed,
- Cause burns (the contact may be not immediately painful),
- May cause sensitization by skin contact.

Please consult our material safety data sheet.

Transport information

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UN number	2023
ADR/ADNR/RID/IMDG class	6.1
Packing group	II
Hazard label	6.1 + 3
Placard	63 / 2023

Other information

Product Synonyms: ECH, EPI, 1-chloro-2,3-epoxypropane

Some applications of this product may be regulated by national or international standards. The buyer is required in his sole liability to respect all existing patents and regulations applicable to our products and to his activity. Please contact us for further information.

* = changes from the previous issue

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