

ALLYL CHLORIDE high purity

PDS-2100-0200

Plants

Rheinberg (Germany).

Standard Specification

Product characteristics

Content	Unit	Value	Method of analysis
Allyl chloride – assay	% (m/m) ⁽¹⁾	min 99.0	ANA-040000
Stabilizer ⁽²⁾	g/kg	0.5-0.9	ANA-040000
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) propylene oxide = 1,2-epoxypropane

Certificates

of Conformity EN 10204:2004 § 2.1.

of Analysis EN 10204:2004 § 3.1.

Packaging characteristics

Available in bulk (railcars 32 & 62 m³, isocontainers 26 m³).

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

Identification

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Allyl chloride	3-chloropropene
Molecular mass	76.53
CAS number	107-05-1
ID number (Annexe 1)	602-029-00-X
EU number (EINECS)	203-457-6

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Physical and chemical characteristics

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Characteristic	Unit	Value
Boiling point (@ 1 bar)	°C	45
Flash point (closed cup)	°C	-27
Density (@ 20 °C)	D20/4	0.94
Vapour pressure (@ 20°C)	bar abs	0.400

Safety

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RID/ADR/IMDG/IATA transport regulation

- Highly toxic,
European directive 67/548/EEC amended by 92/32/EEC / art 26 & 2 (30 April 1992)
- Carcinogenic and mutagenic – category 3,
- F - Highly flammable,
- Xn – Harmful,
- N – Dangerous for the environment,
- Harmful by inhalation, in contact with skin and if swallowed,
- Irritating to eyes, respiratory system and skin,
- Limited evidence of a carcinogenic effect,
- Harmful: danger of serious damage to health by prolonged exposure through inhalation,
- Very toxic to aquatic organisms,
- Possible risk of irreversible effects.

Please consult our material safety data sheet.

Transport information *

UN number	1100
ADR/ADNR/RID/IMDG class	3
Packing group	I
Hazard label	3 + 6.1
Placard	336 / 1100

Other information

Product Synonyms: 3-chloropropene.

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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