

ETHYL CHLORIDE



Manufacturer:
"HaloPolymer Kirovo-Chepetsk", LLC

SYNONIM: Hexacosansaeure-aethylester, Hydrochloric ether
TRADE NAME: Chloroethane
CHEMICAL FORMULA: C₂H₅CL
CAS N°: 75-00-3
EC N°: 200-830-5



Colorless transparent liquid. Boiling point is +12.2 °C, melting point is -138.3 °C, flash point is -50 °C.

PROPERTIES	UNITS	TYPICAL VALUE
Mass fraction of ethyl chloride, min	%	99.3
Mass fraction of vinyl chloride, max	%	0.001
Mass fraction of non-volatile residue, max	%	0.001
Mass fraction of water	%	0.01
Mass fraction of acids as hydrochloric acid (HCl), max	%	0.005
Test for unsaturated compounds	-	test passed
Test for acetylene and its derivatives	-	test passed

Note:

- 1) Typical properties are not suitable for specification purposes. For the detailed specification please contact the commercial department
- 2) The parameters are indicated according to the Technical Specifications (the GOST), because the manufactured products are analyzed in accordance with GOST (Russian State Standard). The procedure of sample preparation differs from that in ASTM, ISO, DIN.



Main application:

Ethyl chloride is used in processes of ethylation and in the production of tetraethyl lead, organosilicon compounds, synthetic rubbers, intermediate products, dyes and in other fields of application.



Package:

Ethyl chloride is transported by rail in special purpose tanks designed for pressure of not less than 0.3 MPa (3 kgf/cm²).



Storage and handling:

The product is stored at the temperature of minus 5 to minus 15 °C in special containers under an inert gas pad. Tanks should be equipped with a vapor recovery system with an overpressure of at least 53.3 kPa.