


Product information

Synonyms	Ethyl alcohol
Hill Formula	C ₂ H ₆ O
Chemical formula	C ₂ H ₅ OH
HS Code	2207 10 00
EC number	200-578-6
Molar mass	46.07 g/mol
EC index number	603-002-00-5
CAS number	64-17-5

Chemical and physical data

Ignition temperature	425 °C
Solubility	(20 °C) soluble
Melting point	-117 °C
Molar mass	46.07 g/mol
Density	0.789 g/cm ³ (20 °C)
pH value	7.0 (10 g/l, H ₂ O, 20 °C)
Boiling point	78 °C (1013 hPa)
Vapor pressure	59 hPa (20 °C)
Explosion limit	3.5 - 15 %(V)
Flash point	17 °C

ข้อมูลความปลอดภัยตามกฎหมาย GHS

Hazard Statement(s)	H225: Highly flammable liquid and vapour.
Precautionary Statement(s)	P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P403 + P235: Store in a well-ventilated place. Keep cool.
Signal Word	Danger
Hazard Pictogram(s)	
RTECS	KQ6300000
Storage class	3 Flammable liquids
WGK	WGK 1 slightly water endangering

Safety information

R Phrase	R 11 Highly flammable.
S Phrase	S 7-16 Keep container tightly closed.Keep away from sources of ignition - No smoking.
Categories of danger	highly flammable
Hazard Symbol	 Flammable

Transport information

Declaration (railroad and road) ADR, RID	UN 1170 ETHANOL, 3, II
Declaration (transport by sea) IMDG-Code	UN 1170 ETHANOL, 3, II
Declaration (transport by air) IATA-DGR	UN 1170 ETHANOL, 3, II

Toxicological data

LD 50 oral	LD50 rat 6200 mg/kg
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