

Technical dichloropropane

CHEMICAL NAME 1,2 - dichloropropane

CAS NUMBER 78-87-5

TECHNICAL REQUIREMENTS

External appearance at 20÷25°C Clear to slightly hazy liquid

1,2-dichloropropane, % (m/m) min. 99,00
(LA/2173)

Colour in Hazen scale max. 40
(ASTM D1209-05 (2011), visual method)

Water, % (m/m)* max. 0,2
(PN-ISO 760:2001, visual method)

Alkalinity con. to trimethylamine, % (m/m) 0,01÷0,02
(MB-0020)

* parameter determined on customer's request

GENERAL DATA

Molecular weight, g/mol 112.99

Boiling point, °C 96,4

Flash point (closed cup), °C 13÷15

Freezing point, °C -100,4

Biodegradability (after 28 days), % 11.7

Solubility in water at 25°C, g/l 1,297÷2,820

APPLICATION

It is used as a solvent for organic compounds; Grease and oil extraction, degreasing and washing agent. In organic synthesis used as a carrier and intermediate. In the dye industry used as a solvent, degreaser and additive for printing inks. It can be used also as a paint stripper