

Technical Data Sheet

DIETHYLENEGLYCOL MIXTURE (DEG Mix)

General

Molecular Weight 106,1 g mol^{-1} (DEG)
CAS Reg. No. 111-46-6 (DEG)/107-21-1 (MEG)
EINECS No. 203-872-2 (DEG)/203-473-3 (MEG)
Chemical Composition: A mix of Diethylene glycol,
Monoethylene glycol, Triethylene glycol and water.

DEG-Mix (CAS 111-46-6/107-21-1/1310-58-3) is a mix of diethylene glycol, monoethylene glycol, triethylene glycol and water. Its main application is as a raw material for grinding aids

Sales Specification

Characteristic	Unit	Specification	Methods of Analysis
Appearance	-	Dark brown/black liquid	200
Water	w%	17-19	305

Methods of Analysis are available upon request.

In case of dispute, the listed Method of Analysis will be used as reference methods.

Physical and Chemical Properties

Property	Value	Property	Value
Form	viscous liquid	pH	11 at 1 % solution
Colour	dark	Melting point/freezing point	< -20 °C
Odour	odourless	Boiling point/boiling range	> 100 °C
Flammability (liquids)	Not classified as a flammability hazard	Flash point	100 - 199 °C
Explosive properties	Not explosive	Ignition temperature	> 100 °C
Oxidizing properties	Not classified as oxidising	Vapour pressure	0,028 hPa at 25 °C
Water solubility	partly soluble	Density	1 130 kg/m ³ at 20 °C
		Relative density	1,13 at 20 °C
		Partition coefficient: n-octanol/water	log Pow: -1,3
		Viscosity, dynamic	20 mPa.s at 20 °C

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