

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

This information is issued by AkzoNobel to Customer. The information is, to AkzoNobel's actual knowledge and understanding of the subject matter in this document, considered accurate and reliable as of the date appearing above and is presented in good faith. Because production process as well as use conditions and applicable laws may differ from one location to another and may change over time, Customer is responsible for determining whether the information in this document is appropriate for Customer use and at the time in question. Since AkzoNobel has no control over how this information may be ultimately used and for other reasons stated above, all liability is expressly disclaimed and AkzoNobel assumes no obligation or liability therefore. No warranty, express or implied, is given, including without limitation warranties of fitness for particular purpose or non-infringement, each of which is specifically disclaimed.