

Technical data sheet

Ethyl diglycol acetate (EDGA)

Version: February 2009

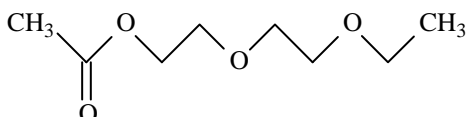
Synonyms

Ethyl diglycol acetate

Formula

$C_8H_{16}O_4$

Structural formula



Molecular weight: 176.21

CAS number

112-15-2

EINECS number

203-940-1

Product specification

Characteristics	Unit	Value	Method*
Appearance		Clear Liquid, free from suspended matter	Visual
Colour	APHA/Hazen	< 10	AM 018
Odour		Characteristic	AM 074
Acidity as acetic acid	%	< 0.005	AM 006
Water content	%	<= 0.1	AM 023
Specific Gravity 20/20°C		1.008 – 1.015	AM 019
Ester content	%	>= 99.0	AM 999

* Internal methods available upon request.

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Polynt SpA – Headquarter
Via Enrico Fermi, 51
I-24020 Scanzorosciate (Bg) Italy
Tel. +39 035 652770
Fax +39 035 652814

Polynt SpA
Via Abate Bertone, 10
13881 Cavaglia (BI) Italy
Tel. +39 01 61996611
Fax. +39 01 61996623

Polynt UK Ltd
Station Road - Cheddleton Nr Leek
Staffordshire ST13 7EF UK
Tel. + 44 1538 369000
Fax. + 44 1538 361330

Typical properties

Characteristics	Unit	Value
Boiling point @ 760 mmHg	°C	217,4
Density @ 20 °C	g/ml	1.012
Melting Point	°C	-25
Flash point (closed cup)	°C	98

Main applications

Main applications for EDGA are:

- EDGA is a colourless liquid, soluble in water and miscible with most organic solvents. It is used as a primary coalescing agent in paints, a solvent in printing inks, and a dispersant or diluent in cosmetic and personal care products;
- EDGA is the preferred solvent in masking inks, used in the manufacture of electronic circuits boards.

Handling

Packaging: Steel drums 210 kg net.
IBC 1000 kg net
Bulk

Storage: The packaged material shall be kept into its original packaging, in cool and well ventilated place, neither under rain nor in wet places, away from flames and heating sources. The bulk material shall be stored in stainless steel tanks, under nitrogen blanketing; for a long lasting quality the material shall be kept at ambient temperature (ideally not above 30°C) and away from any flame or concentrated heat source

Shelf life: 5 years from production date.

Certifications: Kosher: UK
Halal: UK

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