

Safety data for 2-butoxyethyl acetate

[Glossary](#) of terms on this data sheet.

The information on this web page is provided to help you to work safely, but it is intended to be an overview of hazards, not a replacement for a full Material Safety Data Sheet (MSDS). MSDS forms can be downloaded from the web sites of many chemical suppliers.

General

Synonyms: ethylene glycol monobutyl ether acetate, ethylene glycol butyl ether acetate

Use:

Molecular formula: $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$

CAS No: 112-07-2

EINECS No:

Physical data

Appearance: colourless to pale yellow liquid with a mild odour

Melting point: -63 C

Boiling point: 192 C

Vapour density: 5.5 (air = 1)

Vapour pressure: 0.3 mm Hg at 20 C

Density (g cm^{-3}): 0.94

Flash point: 71 C (closed cup)

Explosion limits: 0.5 - 3.7%

Autoignition temperature:

Water solubility:

Stability

Combustible. Incompatible with strong oxidizing agents.

Toxicology

May be harmful if inhaled or absorbed through the skin. Chronic exposure may cause kidney or liver damage.

Toxicity data

(The meaning of any toxicological abbreviations which appear in this section is given [here.](#))

ORL-RAT LD50 2400 mg kg⁻¹

ORL-MUS LD50 3200 mg kg⁻¹

Risk phrases

(The meaning of any risk phrases which appear in this section is given [here.](#))

Transport information

(The meaning of any UN hazard codes which appear in this section is given [here.](#))

Personal protection

Minimize exposure.

Safety phrases

(The meaning of any safety phrases which appear in this section is given [here.](#))

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BUTYL GLYCOL ACETATE

Chemical nature Ethylene glycol monobutyl ether acetate
Acetic acid, 2-butoxyethyl ester
2-butoxyethyl acetate
Molecular formula: $C_8H_{16}O_3$

Molar mass: 160.2 g/mol
CAS-No.: 112-07-2 EINECS-No.: 203-933-3

Delivery specification	Property	Value	Unit	Test method
	Mass fraction			
	– of butyl glycol acetate	min. 99.0	%	DIN 55686
	– of water	max. 0.03	%	DIN 51777, part 1
	Platinum-cobalt colour	max. 10	–	DIN ISO 6271
	Acid value	max. 0.1	mg KOH/g	DIN 53402

Properties

Butyl glycol acetate is a clear, low-volatility liquid with a faint ester odour. It is miscible with many common organic solvents, e. g. alcohols, ketones, aldehydes, ethers, glycols, and glycol ethers, but is only very sparingly soluble with water.

Due to its ether bonds and ester group, butyl glycol acetate enters into the typical reactions of this class of substances.

Our product complies with the DIN 53246 standard.