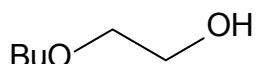




**Trade name** ETHYLENE GLYCOL MONOBUTYL ETHER

**Chemical Name** ETHYLENE GLYCOL MONOBUTYL ETHER

**Chemical Structure** CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>OCH<sub>2</sub>CH<sub>2</sub>OH



**Molecular Formula** C<sub>6</sub>H<sub>14</sub>O<sub>2</sub>

**Molecular Weight** 118.2

**CAS No.** 111-76-2

**EINECS No.** 203-905-0

**TSCA** On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.900 - 0.904	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.10 max.	JIS K 0068
	Distillation test	I.B.P.	166°C min.	JIS K 0066
		D.R. (167-172°C)	95 ml min.	JIS K 0066
		D.P.	173°C max.	JIS K 0066
	Nonvolatile Matter	g/100ml	0.005 max.	JIS K 0067
	Free Acid (as acetic acid)	%	0.01 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	171.2
	Specific Gravity (20/20°C)		0.902
	Melting Point	°C	-70.0
	Refractive Index (n <sub>D</sub> <sup>20</sup> )		1.418
	Viscosity (20°C)	mPa·s	3.2
	Flash Point(closed cup)	°C	67.5
	Vapor Density (Air=1)	°C	4.07
	Explosion Limits	Vol%	1.2 – 12.7
	Ignition Point	°C	238
	Solubility (in Water 20°C)	g/100g	Completely Soluble
	Specific Heat (20°C)	J/mol·K	288.41

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<b>Health Hazards</b>	Acute toxicity data on ETHYLENE GLYCOL MONOBUTYL ETHER			
	Acute Toxicity	LD50(oral)	Guinea pig	1.2g/Kg
<b>Emergency and First Aid Procedure</b>	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation develops, see a physician.		
	2)Eye Contact	Flash eyes with plenty of clean water for at least 15 minutes while holding eyelids open. If irritation develops, see a physician.		
	3)Inhalation	If a large amount is inhaled, remove individual(s) to fresh air.		
<b>Storage</b>	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.			
<b>Extinguishing Media</b>	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.			
<b>Packing</b>	180Kg	Iron drum		
	20MT	ISO-Container		

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**Home page**

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