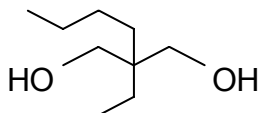


Trade name **2 - BUTYL - 2 -ETHYL - 1,3 -PROPANEDIOL  
(BEPG)**

**Chemical Name** 2-BUTYL-2-ETHYL-1,3-PROPANEDIOL

**Chemical Structure** HOCH<sub>2</sub>C(C<sub>2</sub>H<sub>5</sub>)(C<sub>4</sub>H<sub>9</sub>)CH<sub>2</sub>OH



**Molecular Formula** C<sub>9</sub>H<sub>20</sub>O<sub>2</sub>

**Molecular Weight** 160.3

**CAS No.** 115-84-4

**EINECS No.** 204-111-7

**TSCA** On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Slightly Yellow Solid	
	Water Content	Wt %	0.5 max.	JIS K 0068
	Free Acid (as formic acid)	%	0.04 max.	JIS K 0070
	Color of molten material	APHA	20 max.	JIS K 4128
	Melting Point	°C	40 min.	JIS K 0064
	Hydroxyl Contents	%	20.5 min.	JIS K 0070
	Purity	Wt %	99.0 min.	JIS K 0114

Physical Property	Item	Unit	
	Boiling Point	°C	103-106
	Specific Gravity (50/20°C)		0.924
	Melting Point	°C	43
	Viscosity (100°C)	mPa·s	8.5
	Flash Point (open cup)	°C	139
	Ignition Point	°C	310
	Solubility (in Water 18°C)	g/100g	1.1

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<b>Health Hazards</b>	Acute toxicity data on 2 - BUTYL - 2 -ETHYL - 1,3 - PROPANEDIOL			
	Acute Toxicity	LD50(oral)	rat	5,040mg/Kg
		LD50(dermal)	rabbit	3,810mg/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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