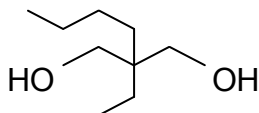


Trade name 2 - BUTYL - 2 -ETHYL - 1,3 -PROPANEDIOL
(BEPG)

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

Chemical Structure HOCH₂C(C₂H₅)(C₄H₉)CH₂OH



Molecular Formula C₉H₂₀O₂

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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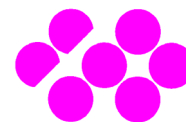
Health Hazards	Acute toxicity data on 2 - BUTYL - 2 -ETHYL - 1,3 - PROPANEDIOL			
	Acute Toxicity	LD50(oral)	rat	5,040mg/Kg
		LD50(dermal)	rabbit	3,810mg/Kg
Emergency and First Aid Procedure	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation 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.		
Storage	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.			
Extinguishing Media	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.			
Packing	180Kg	Iron drum		
	20MT	ISO-Container		

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