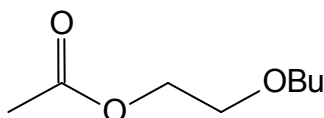




Trade name ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE

Chemical Name ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE

Chemical Structure CH₃COOCH₂CH₂O(CH₂)₃CH₃



Molecular Formula C₈H₁₆O₃

Molecular Weight 160.2

CAS No. 112-07-2

EINECS No. 203-933-3

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	20 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.938 - 0.943	JIS K 0061
	Purity	Wt %	98.0 min.	JIS K 0114
	Water Content	Wt %	0.10 max.	JIS K 0068
	Acid Value	KOHmg/g	0.10 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	191.5
	Specific Gravity (20/20°C)		0.941
	Melting Point	°C	-64.6
	Refractive Index (n _D ²⁰)		1.412
	Viscosity (20°C)	mPa·s	1.8
	Flash Point(open cup)	°C	87.5
	Vapor Density (Air=1)	°C	5.5
	Explosion Limits	Vol%	0.8 – 8.5
	Ignition Point	°C	340
	Solubility (in Water 20°C)	g/100g	1.1
	Surface Tension (25°C)	N/cm	2.87 × 10 ⁻⁴

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Health Hazards	Acute toxicity data on ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE			
	Acute Toxicity	LD50(oral)	rat	2.4g/Kg
		LD50(dermal)	rabbit	1.5g/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	190Kg	Iron drum		
	20MT	ISO-Container		

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