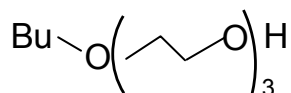




Trade name TRIETHYLENE GLYCOL MONOBUTYL ETHER

Chemical Name TRIETHYLENE GLYCOL MONOBUTYL ETHER

Chemical Structure CH₃(CH₂)₃O(CH₂CH₂O)₃H



Molecular Formula C₁₀H₂₂O₄

Molecular Weight 206.3

CAS No. 143-22-6

EINECS No. 205-592-6

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	30 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.981 - 0.991	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.20 max.	JIS K 0068
	Free Acid (as acetic acid)	%	0.02 max.	JIS K 0070
	Balanced Boiling Point	°C	265 min.	JIS K 2233

Physical Property	Item	Unit	
	Boiling Point	°C	271.2
	Specific Gravity (20/20°C)		0.986
	Melting Point	°C	-48
	Refractive Index (n _D ²⁰)		1.438
	Viscosity (20°C)	mPa·s	8.1
	Flash Point(open cup)	°C	147
	Vapor Density (Air=1)	°C	7.1
	Explosion Limits	Vol%	0.8 – 3.8
	Solubility (in Water 20°C)	g/100g	Completely Soluble
	Surface Tension (25°C)	N/cm	3.62 × 10 ⁻⁴

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Health Hazards	Acute toxicity data on TRIETHYLENE GLYCOL MONOBUTYL ETHER			
	Acute Toxicity	LD50(oral)	rat	5.3g/Kg
		LD50(skin)	rabbit	3.54g/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	200Kg	Iron drum		
	20MT	ISO-Container		

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