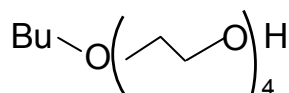




Trade name TETRAETHYLENE GLYCOL MONOBUTYL ETHER

Chemical Name TETRAETHYLENE GLYCOL MONOBUTYL ETHER

Chemical Structure $\text{CH}_3(\text{CH}_2)_3\text{O}(\text{CH}_2\text{CH}_2\text{O})_4\text{H}$



Molecular Formula $\text{C}_{12}\text{H}_{26}\text{O}_5$

Molecular Weight 250.3

CAS No. 1559-34-8

EINECS No. 216-322-1

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	50 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.998 – 1.018	JIS K 0061
	Water Content	Wt %	0.10 max.	JIS K 0068
	Free Acid (as acetic acid)	%	0.05 max.	JIS K 0070
	Balanced Boiling Point	°C	290 min.	JIS K 2233

Physical Property	Item	Unit	
	Boiling Point	°C	304
	Specific Gravity (20/20°C)		1.008
	Refractive Index (n_D^{20})		1.443
	Viscosity (20°C)	mPa·s	14
	Flash Point (open cup)	°C	166
	Vapor Density (Air=1)	°C	8.6
	Solubility (in Water 20°C)	g/100g	Completely Soluble
	Surface Tension (25°C)	N/cm	3.9×10^{-4}

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Health Hazards	Acute toxicity data on TETRAETHYLENE GLYCOL MONOBUTYL ETHER			
	Acute Toxicity	LD50(oral)	rat	5.3g/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		

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