

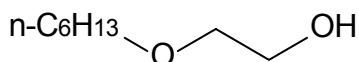


ETHYLENE GLYCOL MONOHEXYL ETHER (KYOWANOL HX)

Trade name

Chemical Name ETHYLENE GLYCOL MONOHEXYL ETHER

Chemical Structure CH3(CH2)5OCH2CH2OH



Molecular Formula C₈H₁₈O₂

Molecular Weight 146.2

CAS No. 112-25-4

EINECS No. 203-951-1

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	15 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.887 - 0.892	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.10 max.	JIS K 0068
	Free Acid (as acetic acid)	%	0.01 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	208.3
	Specific Gravity (20/20°C)		0.889
	Melting Point	°C	-45.1
	Refractive Index (n _D ²⁰)		1.427
	Viscosity (20°C)	mPa·s	5.2
	Flash Point (open cup)	°C	102
	Vapor Density (Air=1)	°C	6.0
	Solubility (in Water 20°C)	g/100g	0.99
	Surface Tension (20°C)	N/cm	2.77 × 10 ⁻⁴

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Health Hazards	Acute toxicity data on ETHYLENE GLYCOL MONOHEXYL ETHER		
	Acute Toxicity	LD50(oral)	rat 739mg/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	

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