

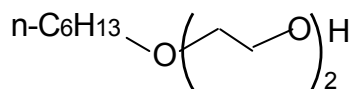


DIETHYLENE GLYCOL MONOHEXYL ETHER (KYOWANOL HX20)

Trade name

Chemical Name DIETHYLENE GLYCOL MONOHEXYL ETHER

Chemical Structure CH₃(CH₂)₅O(CH₂CH₂O)₂H



Molecular Formula C₁₀H₂₂O₃

Molecular Weight 190.3

CAS No. 112-59-4

EINECS No. 203-988-3

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	30 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.930 - 0.940	JIS K 0061
	Purity	Wt %	95.0 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	260.0
	Specific Gravity (20/20°C)		0.934
	Melting Point	°C	-40.0
	Refractive Index (n _D ²⁰)		1.435
	Viscosity (20°C)	mPa·s	8.6
	Flash Point (open cup)	°C	141
	Vapor Density (Air=1)	°C	5
	Solubility (in Water 20°C)	g/100g	1.7
	Surface Tension (20°C)	N/cm	2.96 × 10 ⁻⁴

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Health Hazards	Acute toxicity data on DIETHYLENE GLYCOL MONOHEXYL ETHER			
	Acute Toxicity	LD50(oral)	rat	2.4g/Kg
		LD50(dermal)	rabbit	1.5ml/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		

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