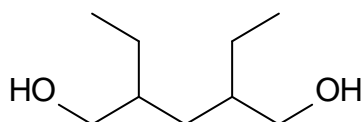


Trade name **2,4-DIETHYL-1,5-PENTANEDIOL(PD-9)**

Chemical Name 2,4-DIETHYL-1,5-PENTANEDIOL

Chemical Structure HOCH<sub>2</sub>CH(C<sub>2</sub>H<sub>5</sub>)CH<sub>2</sub>CH(C<sub>2</sub>H<sub>5</sub>)CH<sub>2</sub>OH



Molecular Formula C<sub>9</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight 160.3

CAS No. 57987-55-0

ELINCS No. 429-310-8

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	20 max.	JIS K 0071
	Purity	Wt %	97 min.	JIS K 0114
	Water Content	Wt %	0.5 max.	JIS K 0068
	Free Acid (as formic acid)	%	0.04 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	264
	Specific Gravity (20/20°C)		0.954
	Viscosity (20°C)	mPa·s	1650
	Flash Point (open cup)	°C	143
	Vapor Density (Air=1)	°C	5.57
	Ignition Point	°C	340
	Solubility (in Water 20°C)	g/100g	1.9
	Surface Tension (20°C)	N/cm	3.62 × 10 <sup>-4</sup>

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<b>Health Hazards</b>	Acute toxicity data on KYOWADIOL PD-9			
	Acute Toxicity	LD50(oral)	rat	>2.0g/Kg
		LD50(dermal)	rat	>2.0g/Kg
<b>Emergency and First Aid Procedure</b>	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.		
<b>Storage</b>	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.			
<b>Extinguishing Media</b>	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.			
<b>Packing</b>	180Kg	Iron drum		
	20MT	ISO-Container		

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**Home page**

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