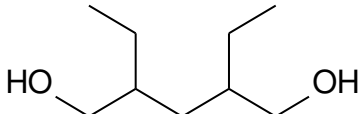


Trade name	2,4-DIETHYL-1,5-PENTANEDIOL(PD-9)
Chemical Name	2,4-DIETHYL-1,5-PENTANEDIOL
Chemical Structure	HOCH <sub>2</sub> CH(C <sub>2</sub> H <sub>5</sub> )CH <sub>2</sub> CH(C <sub>2</sub> H <sub>5</sub> )CH <sub>2</sub> OH
	
Molecular Formula	C <sub>9</sub> H <sub>20</sub> O <sub>2</sub>
Molecular Weight	160.3
CAS RN <sup>®</sup>	57987-55-0
ELINCS No.	429-310-8
TSCA	On Inventory

Specification	Item	Unit	Specification
	Appearance		Clear Liquid
	Color	APHA	20 max.
	Purity	Wt %	97 min.
	Water Content	Wt %	0.5 max.
	Free Acid (as formic acid)	%	0.04 max.

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>Applications</b>	Polyester resins, Polyurethane resins, Ink formulation		
<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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