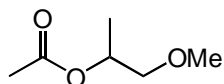


## PROPYLENE GLYCOL MONOMETHYLETHYL ETHER ACETATE-P (PMA-P)

Trade name

**Chemical Name** PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE

**Chemical Structure** CH3OCH2CH(CH3)OCOCH3



**Molecular Formula** C<sub>6</sub>H<sub>12</sub>O<sub>3</sub>

**Molecular Weight** 132.2

**CAS No.** 108-65-6

**EINECS No.** 203-603-9

**TSCA** On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.965 - 0.972	JIS K 0061
	Purity	Wt %	99.5 min.	JIS K 0114
	Water Content	Wt %	0.05 max.	JIS K 0068
	Nonvolatile Matter	g/100ml	0.001 max.	JIS K 0067
	Free Acid (as acetic acid)	%	0.01 max.	JIS K 0070
	Metal	(ppb)		ICP-MS
	K 5 max. Fe 5 max. Na 5 max. Ca 5 max. Cu 5 max.			
	Mg 5 max. Mn 5 max. Al 5 max. Cr 5 max. Ni 5 max.			

Physical Property	Item	Unit	
	Boiling Point	°C	146.0
	Specific Gravity (20/20°C)		0.969
	Melting Point	°C	-80
	Refractive Index (n <sub>D</sub> <sup>20</sup> )		1.400
	Viscosity (25°C)	mPa·s	1.10
	Flash Point (closed cup)	°C	46.5
	Vapor Density (Air=1)	°C	4.6
	Explosion Limits	Vol%	1.5 – 7.0
	Ignition Point	°C	344
	Solubility (in Water 20°C)	g/100g	18.5
	Specific Heat (25°C)	J/mol·K	255.15

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<b>Health Hazards</b>	Acute toxicity data on PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE			
	Acute Toxicity	LD50(oral)	rat(male)	>10g/Kg
		LD50(oral)	rat(female)	>8.532g/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>	20MT	ISO-Container		
	190Kg	Steel drum with Polyethylene Inner Container / Plastic Drum		

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**Home page**

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