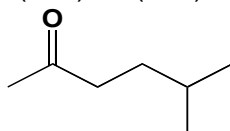


Trade name **METHYL ISOAMYL KETONE (MIAK)**

Chemical Name 5-METHYL-2-HEXANONE

Chemical Structure  $\text{CH}_3\text{CO}(\text{CH}_2)_2\text{CH}(\text{CH}_3)_2$



Molecular Formula  $\text{C}_7\text{H}_{14}\text{O}$

Molecular Weight 114.2

CAS No. 110-12-3

EINECS No. 203-737-8

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10 max.	JIS K 0071
	Purity	Wt %	98.5 min.	JIS K 0114
	Water Content	Wt %	0.05 max.	JIS K 0068
	Free Acid	% as acetic acid	0.01 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	144
	Specific Gravity (20/20°C)	°C	0.813
	Melting Point	°C	-73.9
	Refractive Index	$n_D^{20}$	1.408
	Viscosity (25°C)	mPa·s	0.7
	Flash Point(closed cup)	°C	36.5
	Vapor Density (Air=1)	°C	3.9
	Solubility (in Water 20°C)	g/100g	0.5
	Ignition Point	°C	395
	Surface Tension(20°C)	N/cm	$2.58 \times 10^{-4}$

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<b>Health Hazards</b>	Acute toxicity data on MIAK			
	Acute Toxicity	LD50(oral)	rat	3,200mg/Kg
		LD50(dermal)	rabbit	10mL/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>	160Kg	Iron drum		

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**Home page**

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