

**TECHNICAL DATA SHEET**

Description of goods: <u>METHYL CYCLOHEXANE</u>		CAS No. 108-87-2
ITEMS	UNIT	SPECIFICATION
Appearance	/	Colorless Liquid
CONTENT	%	99.9MIN
BENZENE CONTENT	PPM	NO
TOLUENE CONTENT	PPM	5PPM MAX
SPECIFIC GRAVITY	g/cm³	0.77-0.78
COLOR	Pt-Co	5 APHA MAX
Flash Point	C	-3
Boiling Point	C	101
Melting Point	C	-126.4
Relative Density	Air=1.0	0.7693
Vapor Pressure	kPa	5.73 (25C)
vapor density	Air=1.0	3.4
Autoignition Temperature	C	250
Lower explosion limit	V	1.2%
Upper explosion limit	V	6.7%
Solubility	Soluble in alchhol, ether chloroform, benzene, carbon disulfide and other organic solvents. Water immiscible solvent	
Poison Rational	Low- poisonous	
Acute Toxicity	LD50 2250mg/kg (Mice acute oral toxicity test); LC50 about 41500ppm (rats inhaled). 2H (inhaled) sub-acute and chronic toxicity	