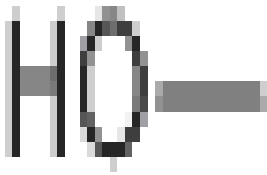




## METHANOL

Item	Value
PRODUCT NAME	Methanol
PRODUCT IMAGE	
CAS NUMBER	67-56-1
WEIGHT	32.04
FORMULA	CH4O
PROPERTIES	<p>           Melting point: : -98&amp;#160&amp;#x00b0C(lit.)            Boiling point: : 65.4&amp;#160&amp;#x00b0C(lit.)            Density : 0.791&amp;#160g/mL&amp;#160at 25&amp;#160&amp;#x00b0C            vapor density : 1.11 (vs air)            vapor pressure : 410 mm Hg ( 50 &amp;#x00b0C)            refractive index : n<sub>20</sub>/D 1.329(lit.)            Flash point: : 52&amp;#160&amp;#x00b0C            storage temp. : Store at RT.            solubility : benzene: miscible(lit.)            pka : 15.2(at 25 )            form : Liquid Free From Particulates            color : &amp;lt;10(APHA)            Specific Gravity : 0.793 (20/20 )            Relative polarity : 0.762            Odor : Faint alcohol odor detectable at 4 to 6000 ppm (mean = 160 ppm)            explosive limit : 5.5-44%(V)            Water Solubility : miscible            λ<sub>max</sub> : λ: 210 nm A<sub>max</sub>: 0.50            λ: 220 nm A<sub>max</sub>: 0.30            λ: 230 nm A<sub>max</sub>: 0.15            λ: 235 nm A<sub>max</sub>: 0.10            λ: 240 nm A<sub>max</sub>: 0.05            λ: 260 nm A<sub>max</sub>: 0.01            λ: 400 nm A<sub>max</sub>: 0.01            Merck : 14,5957            BRN : 1098229            CAS DataBase Reference : 67-56-1(CAS DataBase Reference)            NIST Chemistry Reference : Methyl alcohol(67-56-1)            EPA Substance Registry System : Methanol(67-56-1)         </p>

Item	Value
SAFETY	Hazard Codes:Xn,T,F Risk Statements:10-20/21/22-68/20/21/22-39/23/24/25-23/24/25-11-40-36-36/38-23/25 Safety Statements:36/37-7-45-16-24/25-23-24-26 RIDADR:UN 1170 3/PG 2 WGK Germany:1 RTECS:PC140000 F:3-10 Autoignition Temperature:385 ° C TSCA:Yes HS Code:2905 11 00 HazardClass:3 PackingGroup:II Hazardous Substances Data:67-56-1(Hazardous Substances Data) Toxicity:LD50 oral (rat) 5628 mg/kg LD50 skin (rabbit) 15,840 mg/kg LC50 inhal (rat) >145,000 ppm (1 h) PEL (OSHA) 200 ppm (260 mg/m3) TLV-TWA (ACGIH) 200 ppm (260 mg/m3)—skin STEL (ACGIH) 250 ppm (328 mg/m3)