



## ACETIC ACID

Item	Value
PRODUCT NAME	acetic acid
PRODUCT IMAGE	
CAS NUMBER	64-19-7
WEIGHT	60.05
FORMULA	
PROPERTIES	<p>           Melting point : 16.2°C(lit.)            Boiling point : 117-118 ° C(lit.)            Density : 1.049 g/mL at 25 ° C(lit.)            vapor density : 2.07 (vs air)            vapor pressure : 11.4 mm Hg ( 20 °C)            refractive index : n<sub>20</sub>/D 1.371(lit.)            FEMA : 2006   ACETIC ACID            Flash point : 104°C            storage temp. : Store at RT.            solubility : alcohol: miscible(lit.)            pka : 4.74(at 25 °C)            form : Solution            Specific Gravity : 1.0492 (20 °C)            color : colorless            PH : 2.5 (50g/l, H<sub>2</sub>O, 20 °C)            Odor : Strong, pungent, vinegar-like odor detectable at 0.2 to 1.0 ppm            explosive limit : 4-19.9%(V)            Water Solubility : miscible            λ<sub>max</sub> : λ: 260 nm A<sub>max</sub>: 0.05            λ: 270 nm A<sub>max</sub>: 0.02            λ: 300 nm A<sub>max</sub>: 0.01            λ: 500 nm A<sub>max</sub>: 0.01            Merck : 14,55            BRN : 506007            CAS DataBase Reference : 64-19-7(CAS DataBase Reference)            NIST Chemistry Reference : Acetic acid(64-19-7)            EPA Substance Registry System : Acetic acid(64-19-7)         </p>

Item	Value
SAFETY	Hazard Codes:C,Xi Risk Statements:34-42-35-10-36/38 Safety Statements:26-36/37/39-45-23-24/25 RIDADR:UN 1792 8/PG 2 WGK Germany:3 RTECS:NN1650000 F:1-8-10 Autoignition Temperature:426 ° C TSCA:Yes HazardClass:8 PackingGroup:II HS Code:29152100 Hazardous Substances Data:64-19-7(Hazardous Substances Data) Toxicity:LD50 in rats (g/kg): 3.53 orally (Smyth)