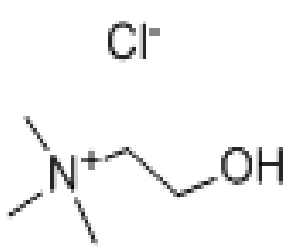


# CHOLINE CHLORIDE

Item	Value
PRODUCT NAME	choline chloride
PRODUCT IMAGE	
CAS NUMBER	67-48-1
WEIGHT	139.62
FORMULA	C5H14ClNO
PROPERTIES	<p>Melting point: : 302-305°C (dec.) (lit.)          Density : 1.0238 (rough estimate)          refractive index : 1.5400 (estimate)          FEMA : 4500   Choline chloride (Also Includes Choline)          storage temp. : 0-6°C          solubility : H<sub>2</sub>O: 1&amp;#160M, clear, colorless          form : Adhering Crystals          color : White          PH : 5.0-7.5 (25 °C, 1M in H<sub>2</sub>O)          Water Solubility : soluble          Sensitive : Hygroscopic  <math>\lambda_{max}</math> : <math>\lambda</math>: 260 nm Amax: 0.015  <math>\lambda</math>: 280 nm Amax: 0.010          Merck : 14,2206          BRN : 3563126          Stability: : Stable. Incompatible with strong oxidizing agents, moisture. Store under a dry atmosphere.          CAS DataBase Reference : 67-48-1 (CAS DataBase Reference)          NIST Chemistry Reference : Choline chloride(67-48-1)          EPA Substance Registry System : Ethanaminium, 2-hydroxy-N,N,N-trimethyl-, chloride(67-48-1)</p>
SAFETY	<p>Hazard Codes:Xi          Risk Statements:36/37/38          Safety Statements:26-36          WGK Germany:1          RTECS:KH2975000          F:3-9          TSCA:Yes          HS Code:29212900          Hazardous Substances Data:67-48-1 (Hazardous Substances Data)          Toxicity:LD50 in rats (g/kg): 0.400 i.p. 6.64 orally (Hartung, Cornish)</p>