



ZINC DICHLORIDE

Item	Value
PRODUCT NAME	zinc dichloride
PRODUCT IMAGE	
CAS NUMBER	7646-85-7
WEIGHT	136.3
FORMULA	
PROPERTIES	<p> Melting point: : 167-172°C(lit.) Boiling point: : 219-220°C/10mm Hg(lit.) Density : 1.01g/mL at 20°C vapor pressure : 1 mm Hg (428 °C) Flash point: : 732 °C storage temp. : 2-8°C solubility : H₂O: 4g/100mL at 20°C, clear, colorless form : crystalline pka : pKa 6.06 (Uncertain) Specific Gravity : 2.91 color : white PH : 5 (100g/l, H₂O, 20 °C) Water Solubility : 432 g/100 mL (25 °C) Sensitive : Hygroscopic Merck : 14,10132 Stability: : hygroscopic InChIKey : JIAARYAFYJHUJI-UHFFFAOYSA-L CAS DataBase Reference : 7646-85-7(CAS DataBase Reference) NIST Chemistry Reference : Zinc dichloride(7646-85-7) EPA Substance Registry System : Zinc chloride (ZnCl₂)(7646-85-7) </p>

Item	Value
SAFETY	<p>Hazard Codes:Xi,N,C,F+,F,Xn Risk Statements:36/37/38-50/53-34-22-51/53-67-66-19-12-11-40 Safety Statements:26-36-61-60-45-36/37/39-16-36/37 RIDADR:UN 2924 3/PG 1 WGK Germany:2 RTECS:TY2900000 F:3 TSCA:Yes HazardClass:3 PackingGroup:I HS Code:28273600 Hazardous Substances Data:7646-85-7(Hazardous Substances Data) Toxicity:Inhalation of zinc chloride fumes can injure lungs and respiratory tract. Dusts or fumes also cause dermatitis, boils, conjunctivitis, and gastrointestinal tract upset (Lewis(Sr), R.J. 1996. Sax&rsquos Dangerous Properties of Industrial Materials, 9th ed. New York: Van Nostrand Reinhold). LD50 oral (rat): 350mg/kg LCLO (inhalation): 1.960 g/m3/10 min</p>