



POLY(VINYL ALCOHOL) MACROMOLECULE

Item	Value
PRODUCT NAME	poly(vinyl alcohol) macromolecule
PRODUCT IMAGE	
CAS NUMBER	9002-89-5
WEIGHT	44.05256
FORMULA	C ₂ H ₄ O
PROPERTIES	<p>Melting point: : >300°C</p> <p>Boiling point: : -14.5 ° C (rough estimate)</p> <p>Density : 1.30</p> <p>refractive index : 1.3810 (estimate)</p> <p>Flash point: : 79 ° C</p> <p>storage temp. : Store below +30 ° C.</p> <p>solubility : H₂O: soluble (hot)</p> <p>form : Powder</p> <p>color : White to cream</p> <p>PH : 3.5-7.0 (40g/l, H₂O, 20 ° C)</p> <p>Water Solubility : soluble in hot water</p> <p>Merck : 14,7585</p> <p>Stability: : Stable. Combustible. Dust may form explosive mixtures with air. Incompatible with strong oxidizing agents.</p> <p>NIST Chemistry Reference : Polyvinyl alcohol(9002-89-5)</p> <p>EPA Substance Registry System : Ethenol, homopolymer(9002-89-5)</p>
SAFETY	<p>Hazard Codes:Xn</p> <p>Risk Statements:23/24/25-36/38-39/23/24/25-68/20/21/22-20/21/22</p> <p>Safety Statements:26-36/37-45-24/25</p> <p>WGK Germany:1</p> <p>RTECS:TR8100000</p> <p>Autoignition Temperature:450 ° C</p> <p>TSCA:Yes</p> <p>HS Code:39053000</p> <p>Hazardous Substances Data:9002-89-5(Hazardous Substances Data)</p> <p>Toxicity:LD50 orally in Rabbit: > 20000 mg/kg</p>