



BENZYL CHLORIDE

Item	Value
PRODUCT NAME	benzyl chloride
PRODUCT IMAGE	
CAS NUMBER	100-44-7
WEIGHT	126.58
FORMULA	
PROPERTIES	<p> Melting point: : -39 &degC Boiling point: : 179 &degC Density : 1.1&#160g/mL&#160at 25&#160&#x00b0C(lit.) vapor density : 4.36 (vs air) vapor pressure : 10.3 mm Hg (60 &#x00b0C) refractive index : n₂₀/D 1.538(lit.) Flash point: : 165&#160&#x2193 storage temp. : 0-6&#x2193 solubility : soluble0.46g/L at 30 ° C (Decomposes in contact with water) form : Liquid color : Clear colorless to slightly yellow Odor : Pungent, irritating. explosive limit : 1.1-14%(V) Water Solubility : 0.3 g/L (20 &#186C) Merck : 14,1129 BRN : 471308 Stability: : Unstable - inhibitors such as propylene oxide or trimethylamine are usually added to prevent polymerization. Combustible. Incompatible with strong oxidizing agents, water, acids, most common metals, dimethyl sulfoxide. Above flash point vapour-air mixtures are explosive within the limits noted above. Contact with water produces toxic fumes. InChIKey : KCXMKQUNVWSEMD-UHFFFAOYSA-N CAS DataBase Reference : 100-44-7(CAS DataBase Reference) NIST Chemistry Reference : Benzyl chloride(100-44-7) EPA Substance Registry System : Benzene, (chloromethyl)-(100-44-7) </p>

Item	Value
SAFETY	Hazard Codes:T,T+ Risk Statements:45-22-23-37/38-41-48/22-43-26-46 Safety Statements:53-45-36/37/39-28-26-36/37 RIDADR:UN 1738 6.1/PG 2 WGK Germany:3 RTECS:XS8925000 F:8-19 Autoignition Temperature:585 ° C TSCA:Yes HazardClass:6.1 PackingGroup:II HS Code:29039990 Hazardous Substances Data:100-44-7(Hazardous Substances Data) Toxicity:LD50 orally in Rabbit: 440 mg/kg