



SPECIFICATION

Benzyl Mercaptan

Parameters	Specification
Cas Number	100-53-8
Appearance	Clear, Colorless To Pale Yellow Liquid
Uses	Nucleophilic Reagent In Organic Synthesis; Modifier For CNT Surfaces; Intermediate For Dithiocarboxylic Esters
Molecular Formula	C ₇ H ₈ S
Molecular Weight	124.20 G/Mol
Boiling Point	194–195 °C
Flash Point	158 °F
Solubility	Insoluble In Water; Very Soluble In Ethanol And Ether
Hazards	Fatal If Inhaled (H330); Harmful If Swallowed (H302); Causes Skin/Eye Irritation (H315, H319); Very Toxic To Aquatic Life (H410)
Purity	96-98%
Refractive Index	1.573–1.578 @ 20 °C

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