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## Typical Product Specifications & Properties

# Benzyl Mercaptan

CAS Number: : 100-53-8

| Specifications   | Limits                                               |
|------------------|------------------------------------------------------|
| Density          | 1.058 (20 c)                                         |
| Very Soluble     | in ethanol, ether                                    |
| Boiling Point    | 194.00 to 195.00 °C. @ 760.00 mm Hg                  |
| Flash Point      | 158.00 °F.TCC                                        |
| Appearance       | colorless to pale yellow clear liquid                |
| Specific gravity | 1.05000 to 1.05800 @ 25.00 °C                        |
| Pounds/Gallon    | 8.737 to 8.804                                       |
| Refractive Index | 1.57300 to 1.57800 @ 20.00 °C                        |
| Vapor Pressure   | 0.591000 mm/Hg @ 25.00 °C                            |
| Odor Type        | alliaceous                                           |
| Taste            | Leek, horseradish, cabbage, green, tomato and coffee |
| Assay            | 98.00 to 100.00 %                                    |



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| Specifications     | Limits                                                           |
|--------------------|------------------------------------------------------------------|
| Vapor Density      | 4.1                                                              |
| logP (o/w)         | 2.48                                                             |
| Odor               | Sharp, sulfuraceous, onion, garlic, horseradish, mint and coffee |
| Insolubility       | in water                                                         |
| Molecular weight   | 124.19                                                           |
| Color              | colorless liquid                                                 |
| Solubility         | oxygenated solvs.                                                |
| Chemical Structure |                                                                  |



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