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## Typical Product Specifications & Properties

# hexyl mercaptan

CAS Number: : 111-31-9

| Specifications   | Limits   |
|------------------|--|
| Density          | 0.8424 (20 c)  |
| Very Soluble     | in ethanol, diethyl ether  |
| Appearance       | colorless clear liquid   |
| Specific gravity | 0.82400 to 0.83500 @ 25.00 °C  |
| Refractive Index | 1.44400 to 1.45200 @ 20.00 °C  |
| Boiling Point    | 150.00 to 154.00 °C. @ 760.00 mm Hg                                      |
| Vapor Pressure   | 4.500000 mm/Hg @ 25.00 °C  |
| logP (o/w)       | 3.37   |
| Odor Type        | burnt  |
| Taste            | Roasted burnt meat with a fatty, rubbery and sulfurous vegetative nuance |
| Assay            | 95.00 to 100.00 %  |
| Melting Point    | -81.00 to -80.00 °C. @ 760.00 mm Hg                                      |




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| Specifications     | Limits   |
|--------------------|--|
| Flash Point        | 69.00 °F.TCC   |
| Odor               | Intense roasted meaty, sulfurous and slightly alliaceous with roasted meaty and nutty nuance   |
| Pounds/Gallon      | 6.857 to 6.948   |
| pH                 | very sl. acidic  |
| Insolubility       | in water   |
| Molecular weight   | 118.24   |
| Color              | colorless clear liquid   |
| Solubility         | acetone, oxygenated solvs., oil  |
| Chemical Structure |  <p><b>parchem</b><br/>fine &amp; specialty chemicals</p> |



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