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Typical Product Specifications & Properties

Benzotrichloride

CAS Number: : 98-07-7

| Specifications | Limits |
|------------------------------|--|
| Molecular weight | 195.47 |
| EINECS | 202-634-5 |
| Water solubility | 53 mg/L |
| Henry's Law Constant | 2.60E-04 atm-m ³ /mole |
| Melting Point | -5.00E+00 ° C |
| Boiling Point | 221 ° C |
| log P (octanol-water) | 3.900 |
| Atmospheric OH Rate Constant | 3.57E-13 cm ³ /molecule-sec |
| Density | 1.38 g/mL at 25 °C |
| BRN Number | 508152 |
| Water solubility | HYDROLYSIS |
| Sensitive | Moisture Sensitive |



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| Specifications | Limits |
|---------------------|--|
| Stability | Stable, but moisture sensitive. Incompatible with strong oxidizing agents, moisture. |
| Refractive Index | 1.557 |
| Flash Point | 207 °F |
| Merck | 14,1109 |
| Vapor Density | 6.77 |
| Vapor Pressure | 0.2 mm Hg (20 °C) |
| Boiling Point | 219-223 °C/760 mm Hg |
| Melting Point | -7.5-7 °C |
| Color | Clear yellow |
| Solubility | alcohol: soluble |
| Form | Liquid |
| Storage Temperature | room temp |



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| Specifications | Limits |
|----------------|-----------|
| Melting Point | -7.5–7 °C |



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