

Phosphorus oxychloride PF

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| CHEMICAL NAME | phosphorus oxychloride |
| CAS NUMBER | 10025-87-3 |
| FUNCTION | Raw Materials & Intermediates |
| TECHNICAL REQUIREMENTS | <p>Appearance at 20-25°C colourless or straw liquid with acceptable opalescence without sediment</p> <p>Density at 20°C, g/cm³ 1.672-1.678</p> <p>Phosphorus oxychloride, %(w/w) min. 99.5</p> <p>Arsenic content, As, mg/kg max. 5</p> <p>Lead content, Pb, mg/kg max. 1</p> <p>Iron content, Fe, mg/kg max. 2</p> |
| GENERAL DATA | <p>Solubility in water at 20°C, mg/L..... reacts violently producing high heat of reaction</p> <p>Molecular weight, g/mol approx. 153</p> <p>Boiling point, °C 105.3</p> <p>Solidification point, °C 1.2</p> <p>Odour..... pungent</p> <p>Crystallization temperature, °C..... min. 0.5</p> |
| APPLICATION | Intermediate for pharmaceutical industry. |