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Typical Product Specifications & Properties

Cadmium (II) chloride, hemipentahydrate

CAS Number: : 7790-78-5

| Specifications | Limits |
|------------------|---|
| Molecular weight | 201.33 |
| EINECS | 233-296-7 |
| SMILES | O.O.O.O.O.[Cl].[Cl].[Cl].[Cl].[Cd+2].[Cd+2] |
| InChI | DZVRGWYMCGLNKJ-UHFFFAOYSA-J |
| InChIKey | 1S/2Cd.4ClH.5H2O/h;;4*1H;5*1H2/q2*+2;;;;;;;;;/p-4 |
| Refractive Index | 1.6513 |
| Color | White |
| Form | Crystals and Chunks |
| Melting Point | 34 °C |
| Boiling Point | 960°C |
| Merck | 14,1617 |
| Density | 3.327 |



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| Specifications | Limits |
|------------------|---|
| Vapor Density | 6.3 |
| Sensitive | Hygroscopic |
| Water solubility | 1680 g/L (20 °C) |
| Stability | Stable. Incompatible with oxidizing agents. Air sensitive. Reacts violently with potassium. |



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