

Technical Data Sheet

 **NAEWAI CORPORATION**

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Cesium chloride

Product Identification

Product name : Cesium chloride
Chemical Formula : CsCl
CAS No. : 7647-17-8

Physical and Chemical Properties

| Property | Value / Description |
|---------------------|---|
| Purity | 99% min |
| Physical State | Powder or crystalline solid |
| Color | White to off-white |
| Density | Approximately 4.07 g/cm ³ at 20 °C |
| Melting Point | 646 °C |
| Boiling Point | 1290 °C |
| Solubility in Water | Very soluble (approx. 1860 g/l at 20 °C) |
| pH | 6.0 - 7.5 |
| Stability | Hygroscopic; stable under recommended storage |
| Reactivity | Reacts with strong oxidizers and acids; stable under normal conditions |

Applications

Density gradient centrifugation in molecular biology, fractionation of nucleic acids and ribosomal subunits, reagent in chemical synthesis, cesium source in electronics and optics

Packing

25kg net in sealed containers

Shipping Regulations

Not subject to transport regulations

Safety Information

Causes skin irritation. Causes serious eye irritation.
May cause respiratory irritation.