

Technical Data Sheet

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Zinc fluoride

Product Identification

Product name : Zinc fluoride
Chemical Formula : ZnF_2
CAS No. : 7783-49-5

Physical and Chemical Properties

Property	Value / Description
Purity	98% - 99.9%
Physical State	Solid
Color	Colorless
Specific gravity	4.84 - 5.00 g/cm ³
Melting Point	872 °C
Boiling Point	1500 °C
Solubility in Water	5.2 mg/ℓ (20 °C)
Stability	Hygroscopic, stable under normal conditions
Reactivity	Reacts with acids to produce HF; sparingly soluble in acids and ammonium hydroxide

Applications

Fluorination of organic compounds, manufacturing phosphors for fluorescent lights, wood preservation, electroplating baths, galvanizing steel, ceramic manufacturing for glazes and enamels, termite repellent, flux in welding and soldering (especially aluminum)

Packing

25kg net in sealed containers

Shipping Regulations

Not subject to transport regulations

Safety Information

Harmful if swallowed. Causes serious eye damage.
Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

***The information provided herein is for reference purposes only, and the user is responsible for determining the suitability of the product for their specific application.