

Technical Data Sheet

 **NAEWAI CORPORATION**

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Ammonium fluorozirconate

Product Identification

Product name : Ammonium fluorozirconate
Chemical Formula : $(\text{NH}_4)_2\text{ZrF}_6$
CAS No. : 16919-31-6

Physical and Chemical Properties

Property	Value / Description
Purity	98% min
Physical State	White crystalline powder
Color	White
Density	No data
Melting Point	Decomposes > 300 °C
Boiling Point	No data
Solubility in Water	Soluble
Electrical Properties	No data
Stability	Stable under normal storage conditions
Reactivity	Reacts with strong acids, bases, and moisture

Applications

Penetrant for light metal smelting, corrosion resistance improvement in metals like steel, zinc, lead; production of zirconium alloys; ceramic glaze industry to improve glaze stability and color; metal surface treatment; coating industry; optical glass manufacturing; nuclear power industry; advanced electrical equipment raw materials; refractory insulation materials; firework manufacturing; production of porcelain and laminated glass

Packing

25kg net in sealed containers

Shipping Regulations

Not subject to transport regulations

Safety Information

Toxic if swallowed.