

Technical Data Sheet

 **NAEWAI CORPORATION**

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Zirconyl nitrate

Product Identification

Product name : Zirconyl nitrate
Chemical Formula : $ZrO(NO_3)_2$
CAS No. : 13826-66-9

Physical and Chemical Properties

Property	Value / Description
Purity	Powder - 98% min / Liquid - 32% - 34%
Physical State	Powder / Liquid
Color	Powder - White
Specific gravity	Powder - 1.987 g/cm ³
Boiling Point	Powder - 83 °C
Solubility in Water	Powder - Highly soluble (166 g/l (10 °C, pH: 0.52))
Stability	Powder - Stable under normal conditions
Reactivity	Powder - Strong oxidizer; reacts violently with reducing agents and organic materials

Applications

Precursor for advanced zirconium-based materials, catalyst in organic synthesis, coatings, ceramics, electronic materials, analytical reagent, oxidizing agent in chemical processes, research and industrial production of zirconium compounds

Packing

25kg net in sealed containers

Shipping Regulations

UN No.2728

Safety Information

May intensify fire: oxidizer. Harmful if swallowed.