

Technical Data Sheet

 **NAEWAI CORPORATION**

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Sodium iodide

Product Identification

Product name : Sodium iodide
Chemical Formula : NaI
CAS No. : 7681-82-5

Physical and Chemical Properties

Property	Value / Description
Purity	99% min
Physical State	Crystallin powder
Color	White
Density	3.67 g/cm ³ (20 °C)
Melting Point	661 °C
Boiling Point	1304 °C
Solubility in Water	184g/100mℓ (25 °C)
Stability	Hygroscopic, turns brown on air/light exposure, stable if protected from oxidation
Reactivity	Oxidized by oxygen, reacts with acids, strong oxidants, bromine; releases I ₂ gas

Applications

Radioactive tracer in imaging, pharmaceutical supplement, reagent in organic synthesis, halide exchange (Finkelstein reaction), nutrient supplement, optical crystals, determination of dissolved oxygen, polymerization control agent, fluorescence dye synthesis, laboratory chemical

Packing

25kg net in sealed containers

Shipping Regulations

UN No.3077

Safety Information

May cause an allergic skin reaction. May cause respiratory irritation.