

Technical Data Sheet

 **NAEWAI CORPORATION**

A-708, Hypex, 240 Pangyoyeok-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Korea
Phone: 82-70-4010-9233
E-mail: info@naewai.com

Strontium hydroxide

Product Identification

Product name : Strontium hydroxide
Chemical Formula : $\text{Sr}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$
CAS No. : 1311-10-0

Physical and Chemical Properties

Property	Value / Description
Purity	97% min
Physical State	Crystalline powder
Color	White
Specific gravity	1.9 g/mℓ at 25 °C
Decomp. temp	710 °C
Solubility in Water	Slightly soluble in cold water, soluble in hot water
Stability	Hygroscopic; absorbs CO ₂ from air forming strontium carbonate; stable under normal conditions
Reactivity	Reacts with acids, moisture sensitive, irritant to skin, eyes, and respiratory system

Applications

Refining and purification of beet sugar, stabilizer in plastics and PVC, lubricant soaps and greases, glass, adhesives, paint drying agent, pigment manufacture, pyrotechnics (red flame), laboratory reagent, source of strontium ions where chlorine is undesirable.

Packing

25kg net in sealed containers

Shipping Regulations

UN No. 3262

Safety Information

May be corrosive to metals.