Caustic Soda Pearls

Sodium hydroxide pearls | CAS 1310-73-2 | UN 1823

Product Description

Caustic soda pearls are sodium hydroxide (NaOH) in small, hard, white round beads, usually about 0.7 to 1.0 mm in size. The pearls dissolve faster than flakes, flow freely and are easy to meter and handle. They absorb moisture and carbon dioxide from the air, so they must be kept in sealed packing.

Ochnology is a manufacturer and supplier of caustic soda pearls 99%, supplying detergent, water treatment, food processing, textile and chemical users in India and overseas.

Typical Specification

Parameter	Typical value
Appearance	White, hard, free-flowing round pearls
Pearl size	0.7–1.0 mm (typical)
Sodium hydroxide (NaOH)	99.0 % min
Sodium carbonate (Na_2CO_3)	0.5 % max
Sodium chloride (NaCl)	0.05 % max
Iron (as Fe_2O_3)	0.005 % max
Solubility in water	Freely soluble, strongly exothermic
pH of 1 % solution	About 13–14

Supply Details

Item	Detail
Packing	As per order; sealed bags with moisture-proof liner
Storage	Store dry in tightly closed containers, away from moisture, acids and metals such as aluminium and zinc
Transport classification	UN 1823, Sodium hydroxide, solid, Class 8 (corrosive), Packing Group II
Certification	COA supplied with each lot

Typical Applications

- Detergent and soap manufacture
- Water treatment and pH control
- Food processing and peeling
- Textile processing and mercerising
- Chemical processing and neutralisation

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