

SPECIFICATION

Product Name: Soda Ash Light
Chemical Formula: Na ₂ CO ₃
CAS Number: 497-19-8
Molecular Weight: 105.99 g/mol
Appearance: White Powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Total Alkalinity	%	99.11%	Min. 99%
Matter Insoluble in Water	%	0.01%	Max. 0.03%
Sulphate	%	0.01%	Max. 0.03%
Chloride	%	0.47%	Max. 0.8%
Iron	%	0.0014%	Max. 0.0029%
Volatile Matter	%	0.40%	Max. 0.8%
Bulk Density	g/l	676 g/l	550 – 720 g/l

Physical Properties

- Solubility: Freely soluble in water. Insoluble in ethanol. Insoluble in acetone. Insoluble in methanol. Insoluble in ether. Insoluble in chloroform.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, humidity, and contamination.

Applications

- Use: Widely used in glass manufacturing, detergents, water treatment, chemical processing, textile, pharmaceutical, and industrial applications.

- Dosage: Depends on Desired pH level, Alkalinity requirements, Water quality, Process conditions, Product formulation, Regulatory specifications.

Packaging

- Standard Packing: 50 kg woven pp bag with inner liner or as per customer requirement.

- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.