

Product Data Sheet

Soda Ash Light (Sodium Carbonate) – 99.2% Min

Description

Description	Soda Ash Light is a light (low bulk-density) grade of sodium carbonate (Na_2CO_3), manufactured via the Solvay process. Its fine, low-density powder form gives it fast dissolution and high reactivity, making it the preferred grade for applications where quick solubility matters more than flow/handling density.
Applications	Detergent, soap and cleaning-product manufacturing Water treatment – pH correction and water softening Sodium silicate, sodium bicarbonate and other downstream sodium chemicals Textile processing, dyeing and pulp & paper
Grade	Light Grade, Na_2CO_3 Min. 99.2%
CAS No.	497-19-8

Key Benefits

1. Fast dissolution and high reactivity due to fine particle size
2. High purity (min. 99.2% Na_2CO_3) with low insoluble matter
3. Low iron content suitable for detergent and water-treatment use
4. Consistent quality from Solvay-process manufacture
5. Readily soluble in water with minimal residue

Chemical Analysis & Physical Data

Typical Specification

Parameter	Unit	Specification
Na ₂ CO ₃ (Sodium Carbonate)	wt%	Min. 99.2
NaCl (Sodium Chloride)	wt%	Max. 0.6
Fe ₂ O ₃ (Iron)	wt%	Max. 0.004
Sulphate (as Na ₂ SO ₄)	wt%	Max. 0.03
Insoluble Matter	wt%	Max. 0.02
Loss on Ignition / Moisture	wt%	Max. 0.8
Bulk Density	g/cm ³	0.50 – 0.65 (approx. 500–650 kg/m ³)
Appearance	–	White, fine free-flowing powder

Packaging

Packaging 50 kg HDPE/PP Woven Bags (with liner)
1,000 kg / 1,250 kg Jumbo Bags (FIBC)
Bulk (bulker/hopper truck) on request
Custom packaging available on request.

Storage & Handling

1. Store in a dry, covered warehouse away from moisture – product is hygroscopic
2. Keep bags sealed until point of use to prevent caking
3. Avoid contact with acids and acidic fumes during storage
4. Stack on pallets, away from direct ground contact
5. Use appropriate PPE (dust mask, goggles) when handling – avoid dust generation

Quality Assurance

1. Every batch is tested against the specification above before dispatch
2. A batch-specific Certificate of Analysis (COA) accompanies each shipment, reporting Na₂CO₃ content, iron, sulphate and insoluble matter against this TDS
3. COA available on request prior to shipment for buyer pre-approval
4. Third-party inspection (SGS/Intertek) can be arranged on request for regulated-market shipments

Disclaimer: The information provided in this document is based on our current knowledge and is intended as a general guide. Ochnology Solution Pvt. Ltd. reserves the right to modify specifications without prior notice. Buyers are advised to conduct their own testing for specific applications. A batch-specific Certificate of Analysis (COA) is available on request for each shipment.