



BUOYANCY®
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BUOYANCY GENERAL TRADING LLC

Soda Ash (Light)

Soda ash is a fundamental industrial chemical that plays an essential role in many of the products we use in our daily lives. Sodium carbonate is commonly used as a water softener in households. While producing soda ash, companies also create several other sodium compounds, including sodium bicarbonate (also known as baking soda), sodium sulfite, sodium tripolyphosphate, and chemical caustic soda. Soda ash has many diverse uses that have a significant impact on our daily lives.

For example, it can be used to increase the alkalinity of swimming pools to maintain the proper pH balance of the water. It is also an essential ingredient in the production of pharmaceuticals, food preservatives, adhesives, pulp, and paper. In some metallurgy sectors, soda ash serves as a raw material for removing phosphates and sulfurs from non-ferrous or ferrous ores, as well as recycling aluminum and zinc. Additionally, it is used as a smelting flux and flotation agent to produce lithium-based and lead-based batteries.

Buoyancy® exports soda ash (light) with a typical chemical composition that meets industry standards.

Chemical Composition	Unit	Min	Max
Sodium Carbonate (Na ₂ CO ₃)	%wt	99.2	99.6
Sodium Chloride (NaCl)	%wt	0.3	0.4
Sodium Bicarbonate (NaHCO ₃)	%wt	--	0.1
Sodium Sulphate (Na ₂ So ₄)	%wt	--	0.05
Iron (Fe)	ppm	30	40
Loss on heating	%wt	--	0.2
Moisture	%wt	--	02
Ni (Nickel)	ppm	--	30
Cr (Chromium)	ppm	--	10
Mn (Manganese)	ppm	--	10
Cu (Copper)	ppm	--	30

Chemical Composition	Unit	Light
Total Alkalinity	%wt	58.12-58.42
Pouring density	g/cm ³	0.45-0.60
Mesh	<40	40
	40-140	59
	>140	1



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Usage Areas

1. Increase pH in swimming pools.
2. Taxidermy
3. Laundry and household cleaning
4. Chemical industry
5. Soap and detergent
6. Paper
7. Flue gas treatment
8. Water and wastewater treatment

Packing

Shipped in 25,40, 50 & 1000 Kg bags or covered self-unloading hoppers.

Storage

- 1) Prevent moisture absorption, keep away from heat and well-ventilated.
- 2) Avoid contact with acids and alkaline substances; protect from dust.
- 3) Ensure bags are sealed and in good condition.

COMMENTS

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet ("SDS") contains essential environmental, health, and safety information concerning its handling and storage. This product's most current version of the SDS can be obtained by contacting a Buoyancy General Trading LLC representative.

