

Soda Ash Dense

26.12.2022 (update date)
Rev 09

CAS Nº: 497-19-8

EINECS Nº: 207-838-8

Origin: Natural Trona Ore

Molecular Weight: 105,99

Chemical Specifications

Sodium carbonate (Na_2CO_3)	99.5% mín.	Arsenic	1 ppm máx.
Sodium oxide (Na_2O)	58.2% mín.	Lead (Pb)	1 ppm máx.
Sodium chloride (NaCl)	0.1% máx.	Mercury (Hg)	1 ppm máx.
Sodium sulfate (Na_2SO_4)	0.1% máx.	pH	11.4 (1% solution)
Iron (Fe)	10 µg/g máx.	Solubility	45.5 g/100ml water (100°C)
Water Insolubles	0.05% máx.		49.5 g/100ml water (35.37°C)
			7 g/100ml water (0°C)

Physical Properties

Bulk Density	0.95 - 1.15 g/cm ³	Appearance	Colourless crystals or white, granular or crystalline powder
Whitness	L* = 95% min. (CIE Lab)		

*Soluble in water. Insoluble in ethanol

Granulometry

Particle size			
+ 600 mikrons	5% máx.	-75 mikrons	5% máx.
+ 150 mikrons	88% mín. (typical 90%)		

*Must be stored in a covered warehouse, preferably lower than 30°C and 85% relative humidity and well-ventilated warehouse

*Not recommended to store more than one pallet on other

*Uses: Glass, chemicals, soap and detergents, Pulp and paper, flue gas desulfurization, water and waste water treatment