

Technical data

OptiPro™ Industrial Grade Soda Ash

CAS No. 497-19-8

Chemical Name	Sodium Carbonate, anhydrous
CAS Name	Disodium carbonate
Formula	Na ₂ CO ₃
Molecular Weight	105.99

Physical Properties

	Typical Range
Bulk Density: lb/ft ³	43 - 52
g/cm ³	0.69 – 0.83
Screen analysis, cumulative wt %	
On US 40 (425 µm)	5 - 35
US 100 (150 µm)	65 - 90
Thru US 200 (75 µm)	0 - 10

Chemical Properties

	Typical	Specification
Na ₂ O, wt %	58.2	57.9 min
Na ₂ CO ₃ , wt %	99.5	99.0 min
Na ₂ SO ₄ , %	0.04	0.10 max
NaCl, %	0.03	0.10 max
Fe ₂ O ₃ , ppm	7	20 max

General Properties

Description	white granular solid
Melting point, °C (°F)	851 (1564)
Solubility, max % @ 35.4°C	33.2
pH, 1% solution @ 25°C	11.4

Standard Containers

Bulk hopper cars and trucks

The information contained herein is, to our knowledge, true and accurate. Because conditions of use are beyond our control, we make no warranty or representation, expressed or implied, except that the products discussed herein conform to the chemical descriptions shown on their labels. Nothing contained herein should be construed as permission or recommendation to infringe any patent. No agent, representative, or employee of this company is authorized to vary any of the terms of this notice.

WE Soda

V 4.1 04/2025

124 E 55th Street New York, NY 10022