

Technical data

OptiPro

Industrial Grade Soda Ash

CAS No. 497-19-8

Chemical Name Sodium Carbonate, anhydrous

CAS Name Disodium carbonate

Formula Na₂CO₃

Molecular Weight 105.99

Physical Properties

Typical Range

Bulk Density: lb/ft³ 43 - 52
g/cm³ 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.