



KENCRO

CHEMICALS

SPECIFICATIONS: SODA ASH LIGHT

GENERAL PROPERTIES

Chemical Name	Sodium Carbonate, anhydrous
CAS Name	Disodium Carbonate
Formula	Na ₂ CO ₃
Molecular Weight	105.99
Description	White Granular Solid
Melting Point, °C (°F)	851 (1564)
Solubility, max % @ 35.4°C	33.2
PH, 1% solution @ 25°C	11.4

PHYSICAL PROPERTIES	TYPICAL	SPECIFICATION
Absorptivity, wt %	19	18 min
Bulk Density: lb/ft ³	48	44 - 54
B/cm ³	0.77	0.70 - 0.86
SCREEN ANALYSIS, cumulative wt%	TYPICAL	SPECIFICATION
On US 30(600µm)	1	
US 40(450µm)	8	25 max
US 100(150µm)	88	
Thru US 200(75µm)	2	7 max

CHEMICAL PROPERTIES	TYPICAL	SPECIFICATION
Na ₂ O, wt %	58.4	58.0 min
Na ₂ CO ₃ , wt %	99.8	99.2 min
Na ₂ SO ₄ , wt %	0.04	0.10 max
NaCl, wt %	0.03	0.10 max
Fe ₂ O ₃ , ppm	7	20 max
Arsenic, ppm		3 max
Heavy Metals as Pb, ppm		10 max
Water Insolubles, wt %	0.01	0.05 max

SAFETY

As with any chemical, Soda Ash Light requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the material and safety data sheet.

FOR FIRE, HEALTH, SAFETY AND FIRST AID INFORMATION, PLEASE REFER TO MSDS
All statements, information, and data presented are believed to be accurate and
reliable but are presented without guarantee, warranty, or responsibility

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