

From this day I (God) will bless you - (Bible)



AEL CHEM ENTERPRISES

Dealers in Hydrochloric Acid, Sulphuric Acid,
Nitric Acid and All Kinds of Industrial Chemicals

Mobile: + 91 9444507199

+91 9884794199

www.aelchementerprises.in

No.18/17, TNHB, Thirumullaivoyal, Chennai-600 062.

Mail Id:aelchementerprises@gmail.com

SODA ASH Light

Chemical name	: Sodium Carbonate / Soda Ash
CAS No	: 497-19-8
EINECS No	: 207-838-8
EC-No	: 011-005-00-2
EC Classification	: Irritant
Chemical formula	: Na_2CO_3
Molecular weight	: 106

Physical Properties

Appearance	: White Powder
Density in kg/dm^3	: 2533
Melting point oC	: 851
Solubility in water @ 20oC in g/1000g.	: 214
pH (1% in water)	: 1126

Typical Analytical Values Chemical Analysis

Na_2CO_3	: 99.5%(*)
NaCl	: 0.14%
Na_2SO_4	: 0.02%
CaO	: 50 ppm
MgO	: 20 ppm
Fe_2O_3	: 7 ppm
Loss on drying	: 0.25%(*)
Free flowing density	: 0.55 kg/dm^3

Granulometry

>2 mm	: 1.2%
>1 mm	: 2.3%
>0.5 mm	: 3.3%
>0.250 mm	: 7.6%
<0.125 mm	: 60.7%
<0.063 mm	: 16%

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Specification Chemical Analysis

Na ₂ CO ₃	: ≥ 99%(*)
NaCl	: ≤ 0.3%
Na ₂ SO ₄	: ≤ 0.035%
CaO	: ≤ 100 ppm
MgO	: ≤ 50 ppm
Fe ₂ O ₃	: ≤ 20 ppm
Loss on drying	: ≤ 0.5%(*)
Free flowing density	: > 0.5 kg/dm ³ , < 0.65kg/dm ³

*Ex works or after drying (2 hours at 250°C)

Granulometry

>1 mm	: ≤ 5%
>0.250 mm	: ≤ 25%
>0.125 mm	: ≤ 85%
<0.063 mm	: ≤ 50%