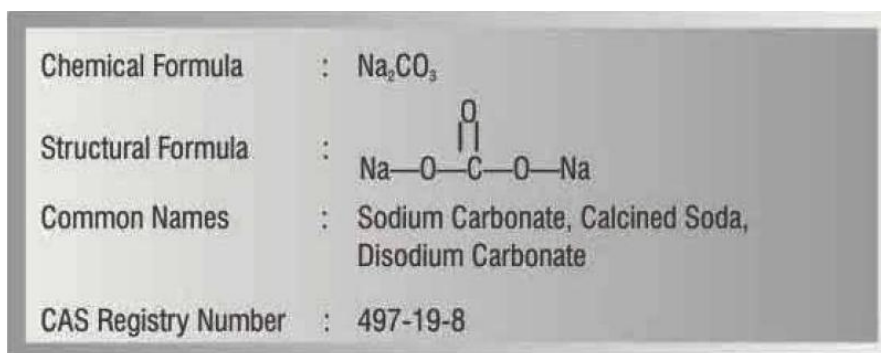




SPECIFICATION

PRODUCT: SODA ASH LIGHT

Sr. No.	Parameter	Units	IS 251:1998 Specifications	TCL Assured Specifications
1.	Molecular Weight			106
2.	Bulk Density	Kg/m ²	500-750	550-720
3.	Volatile Matter Content (at the time of packing)	% max	2	0.80
4.	Total Alkalinity (Na ₂ CO ₃)	% max	98.5	99.0
5.	Sulphates (Na ₂ CO ₄)	% max	0.08	0.03
6.	Chlorides (NaCl)	% max	1.0	0.80
7.	Iron (fe) (by colorimetric and spectrophotometric methods)	% max	0.007	0.0029 & 0.002 resp.
8.	Matter insoluble in water	% max	0.15	0.03



The synthetic soda ash is produced using the ammonia – soda process popularly known as the Solvay process. Solar salt, coke, coal, and limestone are input raw materials used in producing Light Soda Ash.