SODIUM CARBONATE (ANHYDROUS) PURE

PRODUCT CODE	030121
SYNONYMS	Soda Ash
C.I. NO.	--
CASR NO.	497-19-8
ATOMIC OR MOLECULAR FORMULA	Na_2CO_3
ATOMIC OR MOLECULAR WEIGHT	105.99
PROPERTIES	Soluble in water and glycerol, insoluble in alcohol.

$$NaO-\overset{\overset{\displaystyle O}{\|}}{C}-ONa$$
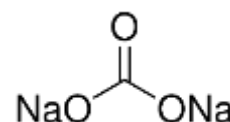
PARAMETER	LIMIT
Description	A hygroscopic colourless crystals or white crystalline powder or granules.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Acidimetric, after drying)	99.5%
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 300^{0}C)	1.0%
Chloride (Cl)	0.05%
Sulphate (SO$_4$)	0.02%
Iron (Fe)	0.005%
Lead (Pb)	0.003%
Silicate (SiO$_2$)	0.02%

Note(s): Assay (if applicable) method mentioned.

WARNING	IMDG Code :
Hazard statements: May cause respiratory irritation. Harmful if inhaled. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation.	UN No. :
Precautionary statements	IATA :
Prevention: Wash thoroughly after handling. Avoid breathing dust/fume/gas/ mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling.	
Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing.	
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities.	

Hazard Pictogram(s) :

GHS07

Replace Date – 31-Oct-2023