



Product Specification

SODIUM HYDROGEN CARBONATE FOR HPLC AND SPECTROSCOPY

PRODUCT CODE	771200
SYNONYMS	(Sodium bicarbonate)
C.I. NO.	--
CASR NO.	(144-55-8)
ATOMIC OR MOLECULAR FORMULA	NaHCO ₃
ATOMIC OR MOLECULAR WEIGHT	84.01
PROPERTIES	--

NaHCO₃

PARAMETER	LIMIT
Description	White crystals or powder.
Solubility	10% aqueous solution is clear.
Identification	Passes test.
Assay (Acidimetric)	99.7 – 100.3%
pH (1% Aq. soln.)	Not more than 8.4

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.002%
Calcium (Ca)	0.005%
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
Sulphate (SO ₄)	0.003%

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

WARNING

Hazard statements: May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation

Precautionary statements

Prevention: Wash hands thoroughly after handling.

Response: If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IMDG Code :
UN No. :
IATA :

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water

Hazard Pictogram(s) :-