



SDFCL
s d fine-chem limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\20240XPS.xls
PRODUCT CODE	20240
PRODUCT NAME	SODIUM CARBONATE ANHYDROUS AR Meets analytical specification of USP-NF
SYNONYMS	--
C.I. NO.	--
CASR NO.	(497-19-8)
ATOMIC OR MOLECULAR FORMULA	Na ₂ CO ₃
ATOMIC OR MOLECULAR WEIGHT	105.99
PROPERTIES	Soluble in water with evolution of heat , descomposes by acids with efervescence, Insoluble in alcohol.



PARAMETER	LIMIT
Description	A hygroscopic colourless crystals or white crystalline powder or granules.
Solubility	10% Solution in water is clear and colourless.
Identification	Passes test.
Assay(Cal.on dried subs.) (Acidimetric)	99.5 – 100.5%
Loss at 300 °C	Max. 0.5%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Chloride (Cl)	0.01%
Nitrate (NO ₃)	0.001%
Phosphate (PO ₄)	0.001%
Sulphate compounds	0.005%
Aluminium (Al)	0.001%
Arsenic (As)	0.0005%
Calcium (Ca)	0.005%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Heavy Metals (as Pb)	0.001%
Magnesium (Mg)	0.0005%
Silicate (SiO ₂)	0.002%
Alkali hydroxide and	Passes test.
Organic volatile impurities	Meets the requirement.

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

WARNING

Hazard statements : May cause respiratory irritation. Harmful if inhaled. May be harmful if swallowed . Causes skin irritation. Causes serious eye irritation .

Precautionary statements

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 .

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) :





Skin irritation

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. : 02.04.2010 AMEND NO. : 1554
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