



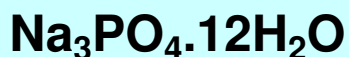
SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20384XPS.xls
PRODUCT CODE	20384
PRODUCT NAME	tri-SODIUM ORTHOPHOSPHATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10101-89-0)
ATOMIC OR MOLECULAR FORMULA	Na ₃ PO ₄ .12H ₂ O
ATOMIC OR MOLECULAR WEIGHT	380.13
PROPERTIES	Non-flammable.



PARAMETER	LIMIT
Description	Small colourless crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Assay (Acidimetric)	98.0 - 102.0%
Phosphate (as P ₂ O ₅)	Min.18.3%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Free alkali (as NaOH)	2.5%
Chloride (Cl)	0.005%
Nitrogen compounds (N)	0.001%
Sulphate (SO ₄)	0.005%
Calcium (Ca)	0.002%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.001%
Magnesium (Mg)	0.002%

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

DANGER

Hazard statements : Causes severe skin burns and eye damage. Harmful to life in the soil.

Precautionary statements

Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Do not breathe dust or mist.

Response: Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IMDG Code : 8/III
UN No. : 3262
IATA : 8

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) :



Corrosive to metals



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 20.09.2011
Date : 06.09.2011	Date : 06.09.2011	Date : 20.09.2011	AMEND NO.: 1593

