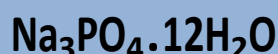




Product Specification

tri-SODIUM ORTHO PHOSPHATE-12-HYDRATE AR

PRODUCT CODE	645495
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10101-89-0)
ATOMIC OR MOLECULAR FORMULA	Na₃PO₄·12H₂O
ATOMIC OR MOLECULAR WEIGHT	380.13
PROPERTIES	Non-flammable.



PARAMETER	LIMIT
Description	Colourless crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum 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.

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

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



Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

www.cdhfinechemical.com

Hazard Pictogram(s) :



Corrosive to metals



Aquatic environment