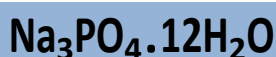




Product Specification

TRI-SODIUM ORTHO PHOSPHATE-12-HYDRATE

PRODUCT CODE	030193
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	Small colourless crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	98.0%
Phosphate (as P ₂ O ₅)	Min.18.3%

MAXIMUM LIMIT OF IMPURITIES

Free alkali (as NaOH)	2.5%
Chloride (Cl)	0.1%
Sulphate (SO ₄)	0.05%
Iron (Fe)	0.04%

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

DANGER

Hazard statements : May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. May cause long lasting harmful effects to aquatic life.

Precautionary statements

Prevention: Keep only in original container. Do not breathe dust/fume/gas/mist /vapours/spray.Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

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

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