



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	Na₃PO₄ · 12H₂O
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
Hazard Pictogram(s) :		
 		
GHS05 GHS09		