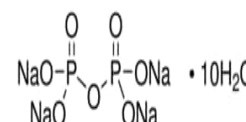


TETRA-SODIUM PYRO PHOSPHATE (DECAHYDRATE) AR

PRODUCT CODE	645835
SYNONYMS	(Tetra- Sodium pyrophosphate decahydrate.)
C.I. NO.	--
CASR NO.	(13472-36-1)
ATOMIC OR MOLECULAR FORMULA	Na₄O₇P₂·10H₂O
ATOMIC OR MOLECULAR WEIGHT	446.06
PROPERTIES	Melting point 79°C. Insoluble in alcohol and ammonia.



PARAMETER	LIMIT
Description	Colourless or white crystals / crystalline powder.
Solubility	5% solution in water is clear and colourless.
pH (of 5% solution in water)	9.5 - 10.5
Assay (Acidimetric)	99.0 - 103.0%



MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Chloride (Cl)	0.001%
Total Nitrogen (N)	0.001%
Orthophosphate (PO ₄)	0.1%
Sulphate (SO ₄)	0.005%
Arsenic (As)	0.0001%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.0005%
Potassium (K)	0.005%

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

<p>WARNING</p> <p>Hazard statements : May be harmful if swallowed. Causes serious eye irritation. Toxic to aquatic life. Harmful to life in the soil.</p> <p>Precautionary statements</p> <p>Prevention: Wash hands thoroughly after handling.</p> <p>Response: 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 SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell</p>	<p>IMDG Code :</p> <p>UN No. :</p> <p>IATA :</p>
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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) :

GHS07 GHS05

Revised Date 14.11.2022