



Product Specification

cdhfinechemical.com

PHOSPHOTUNGSTIC ACID AR REAGENT FOR MICROSCOPY

PRODUCT CODE	609795
SYNONYMS	(Phosphotungstic acid hydrate)
C.I. NO.	--
CASR NO.	[1 2501-23-4]
ATOMIC OR MOLECULAR FORMULA	$H_3PO_4 \cdot 12WO_3 \cdot xH_2O$
ATOMIC OR MOLECULAR WEIGHT	2880.05 (anhyd.)
PROPERTIES	Strong oxidizing agent in aqueous solution.



PARAMETER	LIMIT
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Description	White to cream or light yellow crystals or crystalline powder.
Solubility	10% aq. Soln. is clear colourless to pale yellow

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition	13.8-16.6%
Water insoluble matter	0.005%
Water (by KF)	17%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.01%
Total Nitrogen (N)	0.002%
Copper (Cu)	0.001%
Iron (Fe)	0.002%
Lead (Pb)	0.002%

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

DANGER

Hazard statements: Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates.

Precautionary statements

Prevention: Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response: F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. 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. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8/II
UN No. : 3260
IATA : 8

Disposal:---

Hazard Pictogram(s) :--



GHS05

Replace Date 20-07-2020