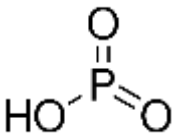
CDH

Product Specification

cdhfinechemical.com

m-**PHOSPHORIC ACID** (GLACIAL STICK) **AR**

PRODUCT CODE	**609605**
SYNONYMS	**(Metaphosphoric acid)**
C.I. NO.	**--**
CASR NO.	**(37267-86-0)**
ATOMIC OR MOLECULAR FORMULA	**HPO_3**
ATOMIC OR MOLECULAR WEIGHT	**79.97**
PROPERTIES	**--**



PARAMETER	**LIMIT**
Description	Transparent glass like solid.
Solubility	10% solution in water is clear and colourless.
Assay (as HPO_3)	56-60%
Assay (as $NaPO_3$)	40-44%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.001%
Nitrate (NO_3)	0.0005%
Reducing substances (as H_3PO_3)	0.01%
Arsenic (As)	0.0001%
Lead (Pb)	0.001%
Cadmium (Cd)	0.001%
Iron (Fe)	0.001%
Cobalt (Co)	0.0015%
Copper (Cu)	0.001%
Manganese (Mn)	0.0005%
Nickel (Ni)	0.001%
Zinc (Zn)	0.001%

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/III
UN No. : 3260
IATA : 8

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :

GHS05

Replace Date 12-Mar-2026