



Product Specification

HYPOPHOSPHOROUS ACID AR

PRODUCT CODE	545505
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	6303-21-5
ATOMIC OR MOLECULAR FORMULA	H₃PO₂
ATOMIC OR MOLECULAR WEIGHT	66.00
PROPERTIES	A strong monobasic acid and reducing agent.



PARAMETER	LIMIT
Description	Clear and colourless liquid.
Solubility	5% solution in water is clear and colourless.
Minimum assay (Acidimetric)	50.0%
Wt per ml at 20°C	1.21 – 1.26

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl)	0.025%
Sulphate (SO ₄)	0.02%
Lead (Pb)	0.0005%
Arsenic (As)	0.0005%
Calcium (Ca)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.005%
Phosphorous acid (H ₃ PO ₃)	2.0%

Note(s) : 1] Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS :

May be corrosive to metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Do not breathe dust or mist. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. 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. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

Disposal:-----

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :



Corrosive to metals