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English Version



## PLANEXX

# HPA-50-HP

### GENERAL DESCRIPTION

PLANEXX HPA-50-HP is a high purity hypophosphorous acid. It can be used as antioxidant, catalyst, color inhibitor, reducing agent and chemicals intermediate. It is also used in the synthesis of hypophosphite salts, like sodium hypophosphite for electroless plating.

CHEMICAL NAME : Hypophosphorous Acid, Phosphinic acid  
CHEMICAL FORMULA :  $H_3PO_2$   
MOLECULAR WEIGHT : 66.0  
CAS NUMBER : 6303-21-5  
APPEARANCE : Clear, colourless liquid

### SPECIFICATIONS

<u>Properties</u>	<u>Typical Values</u>
Assay , %	50.0 – 52.0
Phosphorous Acid Content, %	0.5 max
Iron (as Fe ), ppm	5 max
Chloride (as Cl ), ppm	100 max
Specific Gravity ( at 20 deg C)	1.20 – 1.23

### PACKING

250kg per UN approved PE drum

### TRANSPORT INFORMATION

CORROSIVE LIQUID  
UN3264 PACKING GROUP III

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The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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