



Hangzhou Margarita Trading Company

杭州玛格丽塔贸易有限公司

www.margadata.com

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Product Description

1. It is a compound that gives 21% N and 53% P2O5. which with high solubility in water. Phosphoric Acid ensures a rapid response to fertilization. Phosphoric Acid is also very useful in industries and medicines and has widely applications.

CAS RN.:	7664-38-2
EINECS:	231-633-2
Molecular Weight:	2809.2011.00

2. Chemical Analysis

Component	Range	Typical
Main content- H3PO4	≥85.0%	85.3%
H3PO3	≤0.012%	0.012%
Heavy Metal (Pb)	5ppm max	5 ppm
Arsenic(As)	3ppm max	3 ppm
Fluoride(F)	10ppm max	3ppm
Test Method:	GB/T1282-1996	

3. Application

Industry	Phosphoric Acid used in removing dust from the metal surfaces. Used as rust converter by bringing it in direct contact with a rusted iron, or steel tools and other surfaces that are rusted. It is helpful in cleaning the mineral deposits, cement nous smears and hard water stains.
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Food	Used to acidify the foods and beverages such as colas.
Medicine	Phosphoric Acid is an important ingredient in over the counter medications to combat nausea.
Dentistry	Phosphoric Acid is mixed with zinc powder and forms zinc phosphate, and it is useful in temporary dental cement. In orthodontics, zinc is used as an etching solution to help clean and roughen the surface of teeth.
Fertilizer	Used as reaction fertilizer in the soil around a granule acidification is generated that improves the utilization of phosphorus applied and available in the rhizosphere. Due to its nitrogen content (present as ammonia), it is good for crops that require these nutrients in its initial phase.

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