

Phosphoric Acid (all grades)

Description

UREA & TECHNICAL PRODUCTS

Product Code: 710005

ALL GRADES FROM 20% TO 85%

Food-grade, non-toxic. Phosphoric acid serves diverse industries in various capacities.

DESCRIPTION

Phosphoric Acid acts as a rust remover or converter and is used to passivate iron and zinc to protect them from corrosion. It is also used in the chemical industry to produce buffer solutions. In addition, mixtures of the acid are also suitable for etching aluminium. As a flux, it can simplify the soldering process. Furthermore, it is used as an electrolyte in the electropolishing of copper for deburring. In addition, **Phosphoric Acid** is used in the extraction of crude oil and in cases of water treatment.

CHARACTERISTICS

Synonyms	Orthophosphoric acid, Phos acid
Chemical Formula	H ₃ PO ₄
CAS Number	7664-38-2
Molar Weight	97.994 g/mol
Melting Point	40 °C
Boiling Point	212 °C
Density	1.684 g/cm ³
Form	Liquid, Viscous, White

USES AND APPLICATIONS

KEY APPLICATIONS	INDUSTRIES
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Food packaging	Pharma
Food and Nutrition	Polymers
Cleaning products	Energy Services
Pulp and paper	Cleaning
Solvents	CASE & Construction
Personal care	Beauty & Personal Care
Cosmetic products	Food & Nutrition
Agricultural (non-pesticide)	Water Treatment
Bleaching agent	Animal Nutrition
Electronics	Agriculture
Paint and Coatings	Lubricants
	Rubber

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