



ACIDS & CAUSTICS

# Phosphoric Acid 85%

## DESCRIPTION

**Phosphoric Acid**, also known as orthophosphoric acid or phosphoric (V) acid, is a mineral (inorganic) acid used in chemical manufacturing and cleaning formulations.

## FEATURES

**Phosphoric Acid** is highly soluble in water.

Because dilute **Phosphoric Acid**, in general, is non-toxic, it is often used in buffering agents or to make buffer solutions, where the desired pH depends on the proportions of the phosphates in the mixture.

**Treating Rust – Phosphoric Acid** may be used by direct application to rusted iron, steel tools, or surfaces to convert iron oxide (rust) to a water-soluble phosphate compound – and the resultant black compound can provide further corrosion resistance.

## PACKAGING

**Phosphoric Acid** is available in drums.

## SAFETY

Please consult the MSDS on **Phosphoric Acid** before use.

The information and recommendations contained herein are based on data believed to be correct at this time. However, no guarantee of any kind, expressed or implied is made with respect to the information contained herein.

### Typical Characteristics

Appearance .....	syrupey, viscous liquid
Colour .....	clear, colourless
Odour.....	none
Boiling Point.....	158°C
Melting Point.....	21°C
Specific Gravity.....	1.685

 **MSDS** available

**QUEENSLAND**  
Tel +61 7 3308 5200  
Fax +61 7 3308 5201

**NEW SOUTH WALES**  
Tel +61 2 8709 9600  
Fax +61 2 9791 5066

**VICTORIA**  
Tel +61 3 9408 4144  
Fax +61 3 9408 4155

**SOUTH AUSTRALIA**  
Tel +61 8 8222 1333  
Fax +61 8 8260 7883

**WESTERN AUSTRALIA**  
Tel +61 8 9352 3000  
Fax +61 8 9352 3033