



POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Phosphoric Acid 85%

(0-45-0-0)

SI0009

Phosphoric Acid 1432 g/L

INDUSTRIAL

GUARANTEED ANALYSIS

Phosphorus (P)	45.3% w/v
P as PO ₄	45.3% w/v
Specific Gravity @ 20°C	1.69 kg/L
pH	0.0 to 1.0

WARNING:
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20 L



GENERAL USE INFORMATION

Rust Removal:

Phosphoric 85% applied directly to rusted iron or steel will convert rust (iron(III) oxide) to ferric phosphate (FePO₄). The resulting black ferric phosphate coating can be easily scrubbed off, revealing the underlying fresh metal surface. For complete rust removal, multiple applications of phosphoric acid may be needed. In some applications, where exterior appearance is secondary, the black phosphate coating formed on applying this acid may be left in place to provide further corrosion resistance.

Waste Water Treatment:

To effectively reduce BOD (biological oxygen demand) the bacteria need an adequate supply of phosphorus (P) as well as an optimal pH range.

85% Phosphoric Acid provides both phosphorus and pH buffering capacity as well as the added benefit of sequestration and precipitation of metal ions.

PRODUCT INFORMATION

PRODUCT STORAGE

Keep material in a shaded, cool, dry, well ventilated area. Store product in suitable containers made from material such as stainless steel, high density polyethylene and fibreglass. This product can be corrosive to material such as brass, copper, zinc or alloys of these metals. Clean equipment after application of Phosphoric Acid 85% thoroughly with clean fresh water. This product is recommended for use within 12 months from dispatch date.

WARNING & SAFETY INFORMATION

WARNING: Do not swallow. Fumes from this product may act as an irritant, use with adequate ventilation. Avoid inhalation and contact with the eyes and skin. Wear rubber gloves and appropriate eye protection when handling the product. See the product MSDS for further information - www.sltec.com.au

First Aid: For advice, contact a Poisons Information Centre (phone Australia 131 126) or a doctor. If swallowed, do NOT induce vomiting. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (phone Australia 131 126) or a doctor, or for at least 15 min. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Safety Directions: Avoid contact with eyes. Avoid contact with skin.

Batch No. or Tank Number & Date:

Dispatch Date:

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