

## Technical Data Sheet

PHOSPHORIC ACID

$H_3PO_4$

Molecular Weight



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### PHYSICAL DESCRIPTION

Liquid

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### SPECIFICATION

pH (1% soln/water)	Acidic.
Boiling Point	158°C (316.4°F)
Melting Point	21°C (69.8°F)
Specific Gravity	1.685 @ 25 C (Water = 1)
Vapor Pressure	0.3 kPa (@ 20°C)
Vapor Density	3.4 (Air = 1)
Volatility	Not available.
Odor Threshold	Not available.

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### PACKING

210 Lit Barrel

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### SAFE STORAGE AND HANDLING OF PHOSPHORIC ACID

**Precautions:** Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, combustible materials, metals, alkalis. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

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### HEALTH & SAFETY

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

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***For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.***

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## **DISCLAIMER**

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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**[PEARLAC PAINTS](#)**

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