

PHOSPHORIC ACID

pH CONTROL

DESCRIPTION

Glengarry Phosphoric Acid is a highly concentrated acid. It is used to lower pH in closed systems where there is a presence of aluminium.

Phosphoric acid is considered a weak acid due to its disassociation constant and is not fully disassociated at normal concentrations and is safer to handle than sulphuric and hydrochloric acid. It is much less corrosive in its pure form. Phosphoric Acid also has a high buffering capacity allowing for a much better pH control without large swings in pH.

The phosphate counter ion of the acid is in itself a corrosion inhibitor. It acts as by forming protective films with the metal ions on its surfaces.

Glengarry Phosphoric Acid is a clear to hazy liquid, with the following characteristics.

Specific Gravity:	1.55 – 1.60
pH (1% W/W):	<1.0

APPLICATION

Glengarry Phosphoric Acid can be added into the system directly or added through a pot feeder. After circulating well, check the pH of the system water to determine if further additions are required. Since the dosage is dependent on the conditions of the system, contact your Glengarry Chemicals Ltd. representative for further recommendations.

AVAILABILITY

4 litre jugs

20 litre plastic Pail

200 litre plastic Drum

HANDLING PRECAUTIONS

Phosphoric Acid is a corrosive material. Use appropriate personal Protective equipment. Handle in accordance with good industrial hygiene and safety practices. Keep Containers closed to prevent moisture absorption and/or contamination. Please refer to the Material Safety Data Sheet.

TERMS OF SALE

To the best of our knowledge the information contained herein is accurate and true. Any recommendations or suggestions are made without warranty or liability on our part since the conditions of use are beyond our control.

For further information on this product, please contact our office or your service representative .