



CHEM PRO LAB INC
WATER TREATMENT SPECIALISTS
CHEMICAL ENGINEERS
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PRODUCT DATA SHEET

CHEM PRO 3044

PRINCIPAL USES

Chem Pro 3044 is a special blend of organic scale and corrosion inhibitors with sulfuric acid which work synergistically to provide corrosion protection of ferrous alloys at the same time controlling the pH for higher cycles of concentration in recirculating water. No additional sulfuric acid feed for pH control is needed when Chem Pro 3044 is used. Chem Pro 3044 is used typically in cooling water over the pH range of 8.2 - 8.3. Chem Pro 3044 contains no heavy metals. It is non-polluting and meets discharge regulations to sewers and storm drains. Chem Pro 3044 provides maximum corrosion protection by utilizing specific corrosion inhibitors for iron. When Chem Pro 3044 is used, feed copper inhibitor CPL5110 separately.

GENERAL DESCRIPTION

APPEARANCE:	Clear brown liquid
ODOR:	Odorless
PRODUCT pH:	<1.0
DENSITY (lbs/gal):	10.0
FLASH POINT:	Not Flammable

DOSAGE

Precise dosage is dependent on local conditions. Normal feed rate is 600 - 800 ppm. Maintain phosphonate level at 10 - 20 ppm. That will provide for a pH range 8.2 - 8.3 in the tower recirculating water.

FEEDING

Can be applied neat or diluted with tap water in a chemical tank. Use a controlled metering injection pump wired to the pH controller, or conductivity controller in absence of pH controller.

HANDLING

Read Safety Data Sheets (SDS) before using. This material is a strong acidic liquid. Wear rubber gloves, chemical goggles and/or face shield. Use of impermeable aprons is advised. In case of contact with skin, wash immediately with plenty of soap and water. If contact with eyes, flush promptly for at least 15 minutes. In case of eye contact or ingestion, contact a physician immediately.

SHIPPING AND STORAGE

Chem Pro 3044 is supplied in 5 gallon pails, and 30 gallon and 55 gallon drums. Store in safe, dry area away from heat or freezing.