



CHEM PRO LAB INC
WATER TREATMENT SPECIALISTS
CHEMICAL ENGINEERS
941 W 190TH ST, GARDENA, CA 90248
310-532-8611 - www.chemprolab.com

PRODUCT DATA SHEET

CHEM PRO 3801

PRINCIPAL USES

Chem Pro 3801 is a liquid alkaline buffered non-chromate inhibitor for industrial closed cooling and heating systems. The circulating water pH after the addition of the inhibitor will normally range between 9.0 to 10.0. This product provides maximum corrosion protection by establishing a protective passivation films on both ferrous and copper alloys metals in systems operating at high or low temperatures. Application of Chem Pro 3801 prevents deposits and precludes the necessity for pre-softening or demineralizing the waters.

GENERAL DESCRIPTION

APPEARANCE:	Pink powder
ODOR:	Slight organic odor
PRODUCT pH:	10.5 (10% Solution)
DENSITY (lbs/gal):	8.3
FLASH POINT:	Not Flammable

DOSAGE

The product should be used in accordance with control procedures recommended by Chem Pro Laboratory, Inc. for a specific application. Initial dosage for hot water systems is 1 pound per 40 gallons in system to maintain 800 - 1500 ppm nitrite; for chilled and cooling water systems 1 pound per 60 gallons in system to maintain 600 - 1000 ppm nitrite. Adjust treatment level as required to maintain recommended nitrite residual.

FEEDING

Chem Pro 3801 should be mixed with water to make a chemical feed solution not exceeding 10 percent by weight. (1 pound per 1 gallon of water). The product is usually applied intermittently, when there is loss of recommended nitrite residual. Use a Chem Pro closed system feeder for application.

HANDLING

Read Material Safety Data Sheets (MSDS) before using. This material when dissolved is an alkaline liquid.

Wear rubber gloves and splash-proof goggles. In case of contact with skin, wash promptly with plenty of water. If contact with eyes, flush immediately with plenty of water for at least 15 minutes. In case of eye contact or ingestion, contact physician immediately.

SHIPPING AND STORAGE

Chem Pro 3801 is supplied in 50 pound cartons.
Store in safe, dry area away from heat or freezing.

Revision Date: 3/9/2011