



## **CHEM PRO LAB INC**

WATER TREATMENT SPECIALISTS  
CHEMICAL ENGINEERS  
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## **PRODUCT DATA SHEET**

# **CHEM PRO 3870**

### **PRINCIPAL USES**

Chem Pro 3870 is a liquid alkaline organic, with molybdate, blended treatment for industrial closed and thermal storage systems. The recirculating water pH after the addition of the inhibitor will normally range 7.5 to 8.5. The inhibitor can be used in systems with city or deionized water. When water solutions of glycol are used, a special borate buffer additive should be added to the system. This product provides maximum corrosion protection by establishing a protective passivation film on ferrous, aluminum and copper alloy metals with typical corrosion rates less than 0.5 milliinches per year for carbon steel and less than 0.1 milliinches per year for copper alloys. In addition, Chem Pro 3870 does not contain components which will ordinarily feed bacterial growths or rapidly deplete under adverse conditions.

### **GENERAL DESCRIPTION**

APPEARANCE:	Clear brown liquid
ODOR:	Odorless
PRODUCT pH:	12.4
DENSITY (lbs/gal):	10.8
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.

### **FEEDING**

The product is usually slug fed directly to the system.

### **HANDLING**

Read Safety Data Sheets (SDS) before using. This material 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 3870 is supplied in 5 gallon pails, and 30 gallon and 55 gallon drums. Store in safe, dry area away from heat or freezing.