



CHEM PRO LAB INC

WATER TREATMENT SPECIALISTS
CHEMICAL ENGINEERS
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PRODUCT DATA SHEET

CHEM PRO 2024

PRINCIPAL USES

Chem Pro 2024 is a liquid polyphosphate product which provides scale and corrosion control. It functions as a precipitating agent and conditioner for solids encountered in boiler feed water. Phosphate reverts to the ortho form at elevated temperatures. This then reacts with any residual feed water hardness to form a relatively non-adherent calcium phosphate sludge. This product is formulated in compliance with FDA Regulations for use in boiler which produce steam which may contact food. 2024 is USDA approved for use in USDA inspected plants.

GENERAL DESCRIPTION

APPEARANCE:	Clear colorless liquid
ODOR:	Slight metallic odor
PRODUCT pH:	5.3
DENSITY (lbs/gal):	10.7
FLASH POINT:	Not Flammable

DOSAGE

Proper Chem Pro 2024 treatment levels depend on many factors specific to a given system. The product should be used in accordance with Chem Pro Laboratory, Inc. recommendations and procedures for a particular system.

FEEDING

Tanks, pumps, and valves should be chemical resistant (plastic or 316 stainless steel). Mix using soft water or condensate solution. Should be less than 10% by weight. Feed to the boiler feed water line (after the pump) or the steam drum below the water level. May be fed to storage section of deaerator.

HANDLING

Read the Safety Data Sheet (SDS) before using.
Avoid contact with skin, eyes, and clothing.

SHIPPING AND STORAGE

Shipped in 5 gallon pails, and 30 gallon and 55 gallon drums.
Keep in a safe, cool place.