

# WFLO-502

## Scale Removal for Industrial Water Systems

### Description

**CHEMFLO-502** is a proprietary product formulation that has been designed as a cleaning agent to remove calcium carbonate, calcium sulfates, and calcium phosphates. CHEMFLO is safe to use in that it is not a corrosive compound that the user has to work with and CHEMFLO will not attack the metal surfaces, as will mineral acid based, de-scaling formulations. CHEMFLO besides working on calcium based scale deposits will also have effectiveness on iron oxide, and organic deposits. CHEMFLO can be used in the toughest of conditions and in mixed metallurgy systems.

### Typical Properties

<b>Specific Gravity at 72° F 10% Solution</b>	1.01
<b>pH Solution at 72° F</b>	2-4
<b>Color</b>	White Powder
<b>Odor</b>	Slight Aromatic
<b>Ship Class</b>	Non-Regulated Materials

### Feeding and Dosage

Application rates for CHEMFLO will vary widely, based on the deposit composition and volume. Generally, for light scales, apply CHEMFLO at a 5% volume/volume basis and re-circulate the solution for 8 hours. For medium to heavy deposits, apply CHEMFLO at 5% to 10% volume/volume basis and circulate the solution for 24 hours. Follow the cleansing action by checking the pH of the water. If the pH increases above 7.5, more CHEMFLO should be added to the system. The recirculation time should be kept at the 8-24 hour time frame, which will allow the optimum removal of all deposits. The cleaning action of CHEMFLO is affected by temperature. As the temperature increases, the cleaning action of CHEMFLO is enhanced.

### Handling

Keep out of the reach of children. **Caution:** May cause irritation to skin and eyes. Avoid prolonged or repeated contact with skin. Do not take internally. In case of contact, wash with soap and water; for eyes, immediately flush with large amounts of water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash before reuse.

### Packaging

CHEMFLO is available in bulk, 20, 35, 50 Kg containers.