

## 681: LIME & SCALE REMOVER

**DESCRIPTION:** 681 is a blend of inorganic acids, dispersant, water conditioners, and low foaming detergents balanced for maximum penetration and dispersion. 681 is designed primarily for use in descaling heat exchanger surfaces, or in C.I.P. cleaning of stainless steel equipment. 681, since it contains phosphoric acid, which is one of the most safe and effective descalers known, will remove tenacious calcium hard water scales, as well as, many other soils such as protein deposits and milk and beer stone. 681 also has a brightening effect on stainless steel. 681 offers the convenience of a liquid, and is free rinsing. 681 meets historical USDA guidelines to effectively clean dairy, meat, and food processing equipment, and stainless steel utensils and will not adulterate food in federally inspected meat, poultry, egg and dairy processing operations when followed by a potable water rinse.

### PRODUCT PROPERTIES:

**Appearance:** Clear red liquid, mild acidic odor.

**Specific Gravity:** 1.17

**Flash Point:** None

**pH(1%):** < 2.5

**Phosphate Content:** <10.0% as elemental phosphorous (P).

**Biodegradability:** Detergent portion is 100% biodegradable by present standards.

### USE INFORMATION:

**Concentration:** 5-25% by volume (depending upon degree of soils).

**Temperature:** 70-200°F.

**Contact Time:** As available

**PRECAUTIONS:** May cause irritation to the skin and eyes upon contact. **\*\*AVOID CONTACT\*\***  
When handling, wear proper personal protective equipment as indicated by the accompanying OSHA material safety data sheet. If accidental contact is made immediately flush contacted area repeatedly with cool water. If irritation persists call a physician for treatment. If accidental eye contact occurs flush eyes with cool water and seek the immediate attention of a physician. Launder contaminated clothing before re-use. Wash thoroughly after handling.

FOR INDUSTRIAL USE ONLY!

**PACKAGE:** 55,30, & 15 gal. drums.

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