



Tech

Technical Data

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CRIMSON NS Acid Cleanse

GENERAL DESCRIPTION:

Crimson NS Acid Cleanse is a highly effective, low foaming acid cleaner that consists of nitric and sulfuric acid. It is designed to rapidly attack scale and stone to leave metal surfaces sparkling. This blend is especially useful in removing milkstone and fatty soils. Crimson NS Acid Cleanse low foaming characteristic enhances cleaning action when applied by circulation, spray, or agitated soap cleaner. It has been specially formulated to contain no phosphorous.

BENEFITS:

- ◆ Economical to use
- ◆ Low foaming CIP cleaner
- ◆ Penetrates and removes scale, milkstone & fatty soils
- ◆ Phosphorous free

PHYSICAL PROPERTIES:

- ◆ Appearance: Orange liquid
- ◆ Foam: Low
- ◆ Odor: pungent
- ◆ Wetting: Good
- ◆ pH 1% solution: 1.3
- ◆ Specific Gravity @ 68°F: 1.21

DIRECTIONS FOR USE:

Acid Rinse: Crimson NS Acid Cleanse should be used at a concentration of 1 oz. per 7 gal. in cold water for a duration of 5-10 minutes. The concentration may need adjustment depending on water alkalinity and the wash residual. Optimal pH for the acid rinse ranges from 4-5.

Acid Wash (CIP): Crimson NS Acid Cleanse is suited for CIP applications at a concentration of 0.5 – 3 oz. per 1 gal. of water. Circulating at a temperature of 150-160°F is recommended. This product should be rinsed with potable water after the wash circulation has been completed.

Acid Wash (COP): Crimson NS Acid Cleanse is suited for COP applications at a concentration of 1 oz. per 7 gal. in cold water for 10 minutes.

Note: Sensitive alloys may require milder concentrations.

SAFETY:

DANGER: CAUSES SEVERE BURNS TO SKIN AND EYES. HARMFUL OR FATAL IF SWALLOWED. Contains nitric and sulfuric acids. Avoid contact with skin or eyes. Do not take internally. Wear safety goggles and rubber gloves when handling. Do not mix with chlorine containing products, as it will cause a release of chlorine gas. DO NOT use on galvanized iron.

FIRST AID: For contact with skin & eyes, flush thoroughly with cool running water. For eyes, flush for at least 15 minutes and seek medical attention. If swallowed, do not induce vomiting. Drink large amounts of milk or water. Call a physician.

[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)