

# TECHNICAL DATA SHEET

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**Product Name:** Descale

**Item Number:** H316

**Description:** This product is a highly effective blend of acids, inhibitors and synergistic cleaners formulated to economically and efficiently remove scale and corrosion products from all metals except aluminum, magnesium, zinc and galvanized surfaces. Descale should be mixed with water to make an acid descaling solution. This solution should be circulated through heat transfer systems to effectively dissolve lime scale, corrosion and biological deposits to provide lower head pressure, greater heat transfer, and increased water flow. Maintaining clean heat transfer surfaces will maximize efficiency and extend equipment life.

**Directions:** *Internal Circulation:* Mix 1 gallon of this product with 6 gallons of water to form a descaling solution. Circulate through the system checking solution pH every 15 minutes. Add product to maintain a working pH between 1.0 and 2.0 until pH remains below 1.0 for 10 minutes. When pH remains low, cleaning is complete. Neutralize solution to a pH of 6.0 to 8.0 before disposal. Flush systems with water thoroughly after cleaning. *External Surfaces to be Descaled:* Mix 1 gallon of this product with 6 gallons of water to form a descaling solution. Apply by spraying or wiping. Solution may be made stronger if deposits are heavy or faster action is required. Flush with water thoroughly after cleaning.

**POISON!:** Contains hydrochloric acid. Corrosive to skin and eyes. Wear safety glasses or face shield, rubber gloves, and long-sleeved clothing when handling. Keep this product and solutions of this product away from eyes, skin, and clothing. If eye contact occurs, flush immediately with water for at least 15 minutes. Get prompt medical attention. If skin contact occurs, remove contaminated clothing. Wash skin with large quantities of water. Get prompt medical attention. Avoid breathing vapor. Keep container closed. Use with adequate ventilation. Harmful or fatal if swallowed. Do not take internally. If swallowed, do not induce vomiting. Drink large quantities of water. Follow with Milk of Magnesia, beaten eggs or vegetable oil. Call physician immediately. Do not mix with chlorine-type bleaches or other household chemicals. KEEP OUT OF REACH OF CHILDREN.

**Spill Or Leakage Procedures:** Contain fluid by diking. Neutralize with soda ash or diluted caustic soda.

## Product Specifications

Colour: Red

Odour: Chlorine

Appearance: Clear

pH: <1

Hawco Products Ltd  
61 Shaver St., Brantford, Ontario  
(519) 759-2443 Fax: (519) 758-0371. Toll Free: 1-800-813-9621.  
Email: [hawco@hawcoproducts.com](mailto:hawco@hawcoproducts.com) [www.hawcoproducts.com](http://www.hawcoproducts.com)