



SCALE REMOVER #2

SCALE REMOVER

VAPCO PART NO.

Part Number	Size
SR2-1	1 gallon 4/cs
SR2-5	5 gallons

First Aid Measures

Inhalation: Move to fresh air. **Seek immediate medical attention.**

Skin contact: Remove contaminated clothing immediately. Wash exposed area with large amounts of soap and water. **Seek medical attention if irritation persists.**

Eye Contact: Move to fresh air. Flush eyes with water for at least 30 minutes while holding eyelids apart. **Seek medical attention if irritation persists.**

Ingestion: Do NOT induce vomiting. Rinse mouth with water. **Seek immediate medical attention.**

Precautions

Keep out of reach of children.

Provide sufficient mechanical ventilation. Wear chemical resistant gloves such as neoprene or rubber. Chemical splash goggles and a face shield are advised. Do not mix with any products.

Dangers

Read and understand the product's label and Safety Data Sheet. Causes severe burns of eyes, skin, nose, throat and lungs. May be harmful if inhaled or swallowed. Do not mix with chlorine type bleaches or other household chemicals.

Storage

Minimize temperature extremes. Keep containers closed when not in use. Do not transfer to unmarked containers. Loosen closure carefully.

In Case of Fire

Use water to extinguish fire.

Disposal

Dispose of in accordance with all local, State and Federal regulations. Prevent material from entering drains, sewers, streams, or other bodies of water.

DESCRIPTION

SCALE REMOVER #2 is a hydrochloric acid based scale remover with wetting agents, anti-foaming agents and corrosion inhibitors. Exclusive corrosion inhibitors permit SR2 to be used in most cooling tower systems, boilers, water coolers, water pumps, refrigeration condensers, heat exchangers, piping, etc. Safe for use on steel, copper and brass metals.

FEATURES AND BENEFITS

- Anti-Foaming
- Corrosion Inhibited
- Hydrochloric-Based

SPECIFICATIONS

Appearance: Brown Liquid | **Vapor Pressure (mm Hg):** 25.8 mmHg @ 70°F (component) | **Vapor Density (AIR=1):** Heavier than Air | **Solubility In Water:** Soluble | **pH:** Acidic | **Specific Gravity:** 1.79 @ 77°F (component) | **Percent Volatiles:** 100% | **Evaporation Rate:** Slower than Ether

LABEL INFORMATION

SCALE REMOVER #2 is a hydrochloric acid with wetting agents, anti-foaming agents and corrosion inhibitors. Safe for use on steel, copper, brass and galvanized metals. Safe to use on cooling towers, boilers, heat exchangers, piping, etc. Fumes may be harmful to humans as well as equipment. Not recommended for indoor applications.

DIRECTIONS: Drain and flush recirculating system, removing all loose debris. Close bleed-off valve where applicable. Fill system with fresh water, adding 1 gallon of Scale Remover #2 for every 15 to 20 gallons of water in the system. Allow for water in the piping. Circulate solution in the system until scale is removed or acid is spent. One pH indicator strip will show when acid solution is neutralized. In badly scaled systems, one or more additional dosages may be necessary. To repeat dosage, add more Scale Remover #2 in the same 20 to 1 ratio used initially. Bleed enough water from the system to

compensate for the added remover. Repeat steps 1 through 3. If still another dosage is required, drain the system completely before proceeding. Do not use more than 2 doses with the same water. After cleaning, thoroughly flush the system before refilling with fresh water. Adjust bleed-off valve as necessary.

NOTE: Do not drain cleaning solution lawns or shrubs. Since leaks can occur at thin spots held together by scale or corrosion, we recommend close supervision of the cleaning process.

PLEASE REFER TO SDS TO VIEW SPECIFIC INFORMATION REGARDING WARNING SYMBOLS AND HMIS/NFPA CODES.

CONTAINS

SCALE REMOVER #2 CONTAINS (CAS#) : Hydrochloric Acid (7647-01-0)