



May 28, 2019

TECHNICAL DATA REPORT

See SDS for complete safety/technical data

SCALE REMOVER #1

SCALE REMOVER

**VAPCO PART NO.**

Part Number	Size
SR-1	1 gallon 4/cs
SR1-5	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

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 #1 is a highly-concentrated, fast acting, non-fuming scale dissolver with patented corrosion inhibitors. Concentrated liquid weighs approximately 13 lbs per gallon. Contains no hydrochloric (muriatic) or other acids for safe use. Dissolves twice the amount of scale.

FEATURES AND BENEFITS

- Safe for Use on Copper
- No Hydrochloric Acid
- Corrosion Inhibited
- Two Times the Scale Removal

SPECIFICATIONS

Appearance: Green Clean Liquid | **Boiling Point:** 212 °F @ 60 mmHg (component) | **Vapor Pressure (mm Hg):** 17.5 mmHg @ 68°F (component) | **Vapor Density (AIR=1):** Heavier than Air | **Solubility In Water:** Soluble | **pH:** Acidic (1.0) | **Specific Gravity:** 1.42 @ 59°F (component) | **Percent Volatiles:** 100% | **Evaporation Rate:** Slower than Ether

LABEL INFORMATION

SCALE REMOVER #1 is a phosphoric acid-based scale remover with anti-foaming wetting agents and inhibitors to reduce corrosion on metal. Does not emit damaging fumes. A safer, highly concentrated, fast acting, non fuming scale dissolver. Dissolver 4 to 5 pounds of scale per gallon.

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 #1 for every 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 #1 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.

CONTAINS

SCALE REMOVER #1 CONTAINS (CAS#) : Phosphoric Acid (7664-38-2), Water (7732-18-5)