

## DESCRIPTION

This acid-based cleaner dissolves rust, lime, minerals and scale on hard surfaces such as machinery parts, water meters and cement trucks. It cleans radiators, boilers, cooling systems and metal surfaces, restores the natural color to brick or stone that is discolored from wear or weathering, and dissolves carbonates for quick removal of mortar, plaster, cement and concrete.

### **DANGER** **POISON**

MAY BE FATAL IF SWALLOWED. CAUSES SEVERE BURNS. VAPOR HARMFUL.

Do not inhale or swallow. Keep away from skin, eyes and clothing. Wear rubber gloves and eye protection when handling. Use with adequate ventilation. Do not mix with any other chemical.

#### **FIRST AID:**

**IF IN EYES:** Flush eyes and under eyelids with water for at least 15 minutes. Obtain medical attention.

**IF ON SKIN:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation is persistent, contact a physician.

**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting. Drink large quantities of water.

**IF INHALED:** Move person to fresh air. Obtain medical attention.

See *M.S.D.S.* for complete safety information.

**KEEP OUT OF REACH OF CHILDREN**

**HANDLING AND STORAGE:** Keep container tightly closed when not in use. Do not store in unmarked containers. Use plastic containers to mix solutions. Do not store in metal pails, drums or sprayers. Keep away from alkaline materials, metals and metal salts. Rinse empty container before disposal.

# TOTAL SOLUTIONS™

INDUSTRIAL CLEANERS  
and DEGREASERS

## MURIATIC ACID CLEANER

Dissolves Rust, Lime, and  
Mineral Scale

- CLEANS AND PROTECTS METAL SURFACES
- RESTORES COLOR TO BRICK AND STONE
- DISSOLVES CARBONATES



Nonfood Compounds  
Program Listed A3  
Registration No. 135381

### **DANGER** **POISON**

MAY BE FATAL IF SWALLOWED. CAUSES SEVERE BURNS. VAPOR HARMFUL.

See side panel for further cautions and first aid instructions.

**KEEP OUT OF REACH OF CHILDREN**

#### NET CONTENTS:

5  6  20  30  55 Gallons

Manufactured By: Total Solutions™  
PO Box 240014 • Milwaukee, WI 53224

## DIRECTIONS

To clean and descale water meters and metal parts, submerge parts in undiluted cleaner and soak until all deposits are dissolved. For light deposits, dilute with 3-5 parts water. Rinse thoroughly with clean water.

To remove excess mortar, plaster, cement and concrete forms walls, siding, transit forms and mixing machinery, use full strength. Always rinse thoroughly after use.

To clean and descale boilers, cooling towers, condensers, heat exchangers and other water handling systems, dilute with 8-10 parts water. Allow diluted solution to soak or circulate in system for 4-8 hours or until scale is removed. Flush system thoroughly with clean water.

Rinse empty container before disposal. Use plastic containers to mix solutions. Do not store in metal pails, drums or sprayers.

#### **This Product Contains/CAS Number:**

Water/7732-18-5; Hydrochloric Acid/7647-01-0; Poly (oxyethylene) nonylphenol/9016-45-9; Ethoxylated Amine Resin/61790-47-4; Green Dye/61791-17-1.

**NFPA® RATINGS**  
FLAMMABILITY

HEALTH  REACTIVITY