# **KAY JAY SERVICES**

# **Muriatic Acid Cleaner**

Dissolves rust, scale and lime

This liquid cleaner dissolves rust, lime and other minerals on hard surfaces such as machinery parts. It also can be used to clean radiators, boilers and cooling systems. Its powerful formula also dissolves carbonates for quick removal of mortar, plaster and concrete from tools and equipment.

#### Use in:

- Water-handling systems
- Condensers
- Brick and stone
- Boilers
- Radiators
- Metal surfaces
- Cooling systems
- Heat exchangers
- Stainless steel
- Concrete equipment
- Cement trucks
- Mixing machinery

## **Effective Against:**

RustScale

- Lime
- Carbonates
- MineralsExcess Mortar
- Concrete/cement
- Plaster

## **Features and Benefits**

- Restores the natural color of brick or stone that has been discolored from wear or weathering.
- Quickly removes mortar, plaster, cement and concrete.
- Cleans and descales machinery parts.
- Special inhibitors protect metal surfaces.
- Can be used to remove cement from cement trucks.

#### **Properties**

# **Directions** Complete directions on product label

**Descale metal parts:** For heavy mineral deposits, use undiluted. For lighter deposits, dilute with up to 5 parts of water.

Clean and descale cooling towers and boilers: Dilute with 8 to 10 parts of water. Allow diluted solution to circulate in system 4-8 hours. Flush system thoroughly.

To remove excess mortar, cement or plaster from walls and tools: Use undiluted. Always rinse thoroughly after using.

#### **Authorization**

NSF A3: Acid cleaner for use in all areas

Active Ingredients	<b>CAS Number</b>
Water	7732-18-5
Hydrochloric acid	7647-01-0
Poly (oxyethylene) nonylphenol	9016-45-9
Ethoxylated amine rosin	61790-47-4
Green dye	61791-17-1

# Safety

Danger: Poison. May be fatal if swallowed. Causes severe burns. Vapor harmful. Keep out of the reach of children.

#### **DOT Shipping** (ground transportation)

Proper Shipping Name: Compounds, cleaning liquid

(Hydrochloric Acid)

Class: 8
ID Number: NA1760
Package Group: III

