

# HYDRO 278

## Inhibited acid for rust and scale remover

### General Description

**HYDRO 278** is an inhibited inorganic acid that can totally remove rust in various industrial fields. It has large solubility of rust compound which make it suitable for use in condensers, evaporators, heat exchangers, compressor jackets, boilers, diesel cooling systems, etc, where iron oxide hydrates are major component of rust. **HYDRO 278** contains acid inhibitor to minimizing destruction of metals. The selected surfactants incorporated in **HYDRO 278** enhance its effectiveness.

### Features

- contains acid inhibitor which Prevent the base metal against the acid.
- can be use on reactive metals.
- contains penetrating agent to remove grease and dirt and strong acids to remove scale and corrosion products form ferrous metals.
- other fast, efficient & economical for rust & scale removal, even on heavy contaminations.

### Properties

Appearance:	yellow to amber liquid.
pH 10% Solution:	< 2.00
Bulk Density	1.10 - 1.20 g/cm <sup>3</sup>

### Principle Uses

For the removal of scale with high silica content and corrosion product in the heat exchangers, boiler and bottle washers, which high silica content.

### Direction for use

For heavy contaminated should be use at ratio of 1 to 3 with water (25% of **Hydro 278**). For lighter contamination **Hydro 278** may be diluted up to 1 to 10 with water (10%). If needed the diluted form of **Hydro 278** (10%-25%) can be used at 60°C, which is the maximum temperature allowable.

### Handling & Safety

**Hydro 278** is a fuming liquid and special care should be taken on handling the concentrated form, please handled with care. *Avoid contact with eye, skin or clothing.* In case of accidental splashed - flush with plenty of water. And for eye contact, should have a medical attention as a safety measure.

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