

# DESCALER

## ACID CLEANER

**DESCALER**, is a non-foaming very powerful lime and scale remover.

It is specially formulated for the most difficult jobs of descaling and derusting.

**DESCALER** contains effective corrosion inhibitors and is stable under all use temperatures.

## FEATURES AND BENEFITS

- Very powerful acid
- Contains corrosion inhibitors
- Non-foaming
- Highly effective and fast acting
- The inhibitors will not plate out under temperature extremes



## DIRECTION FOR USE

<b>Equipment to be cleaned</b>	Inside of pipes or tanks heat exchangers or pasteurizers. Small and big parts.
<b>Soils to be removed</b>	Rust or scale deposits or other metal oxides.
<b>Use procedure</b>	By circulating (C.I.P.), sprinkler, submersion, spraying.
<b>Concentration</b>	Between 0.1% to 25% (1 to 250 ml/l).
<b>Use temperature</b>	Between 15°C and 60°C (59°F to 140°F).
<b>Dwell time/Operation time</b>	Between 10 and 30 minutes.
<b>Mechanical action</b>	Circulation of the liquid between 1.5 and 3.0 m/sec., is usually enough to obtain desired results. Scrubbing will enhance the results.
<b>Rinsing</b>	Rinse system thoroughly with clear or lightly alkaline water. Verify that the surface's pH level is around 6.0 once the rinsing is finished. Rinse food contact surfaces with potable water.
<b>Reuse/Recycling</b>	It is possible to reuse the solution however, the concentration must be verified after each use and restored if necessary

# DESCALER ACID CLEANER

## PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Odour	Pungent acid
Specific gravity @ 20°C	1.19
Viscosity	< 10 cps
pH	< 1
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	83°C
Freezing point	-30°C
Foaming tendency	Non-foaming
Concentration monitoring techniques	Electrical conductivity, titration
Rinsing	Excellent

## INCOMPATIBILITY

Bases, light metals, bleach

## WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

## AVAILABLE SIZES

		
20L	205L	1000L



## IMPORTANT

Before using **DESCALER**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

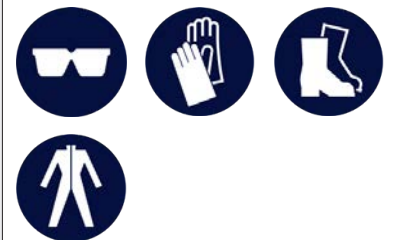
### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

### Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

## PERSONAL PROTECTION



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