

# DESCALEX

## DESCRIPTION

**DESCALEX** is an inhibited liquid acid material developed for heavy duty rust and scale removal. It is a more effective replacement for commercially available raw acids such as muriatic and sulphuric. It may also be used to remove concrete build-up from cement trucks and equipment.

## FEATURES AND ADVANTAGES

- Has rapid wetting and penetrating action, providing faster scale and rust removal.
- Provide effective inhibition on a wide variety of metals.
- Offer extended chemical action. The inhibitor does not precipitate out and become inactive even after large amount of rust have been dissolved.

## TECHNICAL SPECIFICATION

Appearance	: Reddish liquid
Specific Gravity	: 1.10
pH	: Approx. 1.0
Flash Point	: None
Boiling Point	: 97°C
Solubility in Water	: Complete

## APPLICATION AND USE

**DESCALEX** may be diluted with water and is used at concentration ranging from 5% to 25% by volume. Solution can be used cold or heated usually up to 60°C for increased activity.

There are four basic methods of using **DESCALEX**:

1 Circulation: This method is commonly used for the derusting and descaling of equipment such as evaporators, boilers and heat exchangers. Prepare solution of **DESCALEX**, pump into system and circulate with an acid pump. Circulate for 20 minutes and check solution strength. If necessary, add additional **DESCALEX** to restore the solution up to its original strength. Thereafter, drain and rinse with clear water.

2 Filling and soaking: This method is essentially used in the same areas as the circulation method but is not aided by the mechanical circulation of the solution. Rust and scale removal is entirely dependent on the chemical action of the solution.

3 Immersion: For rust and scale removal from small parts, salvage operations and pickling prior to electroplating.

4 Brush or wipe: This method is used for removing light rest deposits from surfaces too large to be immersed.

## PRECAUTION

Before using **DESCALEX**, always read and follow precautions and direction for use as prescribed on drum label.