

# CHLORACID 90

A LIQUID, INHIBITED PICKLING AND DESCALING COMPOUND

## PRODUCT USE:

**CHLORACID 90** is specially designed for safe, cold removal of corrosion products and mill scale by immersion. It can also be used for descaling of boilers, economisers, evaporators etc., and for the removal of cement and lime deposits from pipes, scaffolding, shuttering, moulds, etc.

## ADVANTAGES:

- Safe - inhibited to prevent metal attack.
- Versatile - removes rust and mill scale as well as carbonated and phosphate scale.
- Fast - used cold it is faster acting than cold sulphuric acid solutions.
- Economical - chemical pickling and descaling is less costly than mechanical.

## PRODUCT DESCRIPTION:

Form: Yellow to light brown/red liquid.  
S.G.: 1.15

## DIRECTIONS FOR USE:

**Cold pickling:** 1-part **CHLORACID 90** : 1 part water to remove films and scale from iron, steel, and copper alloys. It will attack zinc, aluminium and other light metals and is corrosive to stainless steel. Tanks should be rubber-lined, P.V.C. coated or constructed of acid-resistant brick or supported polyethylene.

**Cement and lime deposits:** 1-part **CHLORACID 90** : 2 parts water.

**Boiler cleaning:** For normal deposits of calcium carbonate, iron oxide and calcium phosphate, a 10 % solution of **CHLORACID 90** is used and circulated. The boiler should not be left unattended during the descaling operation. The solution of **CHLORACID 90** should not be left longer than 12 hours in the boiler, even **CHLORACID 90** is inhibited. It is important to neutralise the boiler metal surfaces with an alkali solution after acid cleaning.

Whenever surfaces are treated with **CHLORACID 90** they tend to rust quickly, therefore thorough rinsing with water is necessarily followed by neutralisation and rapid drying with a 10% Sodium Carbonate Solution.

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## PRECAUTIONS:

**CHLORACID 90** is acidic and toxic by ingestion and inhalation. It is recommended that operators wear protective clothing, gloves and goggles and that the product is handled with care.

## FIRST AID:

External: Flush skin or eyes with plenty of cool running water. Get Medical Attention!  
Internal: Drink large amounts of water and Get Medical Attention Immediately!

*Every endeavour has been made to ensure that the information in this Data Sheet is reliable, but we do not accept any liability for any loss, injury or damage which may result from its use*



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