

DESCALER

Inhibited rust and scale remover.

APPLICATIONS

For the removal of water scales, rust, lime and cement from iron. The chemical descaling and derusting of boilers, heat exchangers, cooling jackets, evaporators, bottle washing machines, concrete trucks and many other types of equipment found in industry.

FEATURES & BENEFITS

- Safe for equipment and permanent structures.
- Inhibited to retard attack on metals.
- Does not need heat – use cold.
- Very efficient. Removes all common scales and rusts easily.

PRODUCT SPECIFICATION

Appearance	:	Clear liquid
Active Acid	:	Hydrochloric acid
Odour	:	Pungent
Specific Gravity	:	1.15
pH (as received)	:	0.9
Solubility in Water	:	Complete
Flash Point	:	Nil

USE DIRECTIONS

Descaler may be used by immersion, swab or recirculation techniques. For more specific information or any descaling operation consult your Chemical Formulators Technical Representative.

Surfaces heavily coated with oil and grease will require degreasing with “Grease Off” prior to acid treatment.

Concentration:	Use as received or diluted with up to 5 volumes of water.
Temperature:	Room temperature (20°C)
Time:	15-60 minutes, depending on quantity and type of product to be removed. Rinse thoroughly with water.

Environmental Statement

- DESCALER is detergent free
- DESCALER is phosphate free
- DESCALER uses recyclable packaging
- DESCALER is VOC free

OPERATIONAL HINTS

- Stainless steel equipment should not be used with Descaler. It will also attack aluminium, galvanised surfaces, brass, bronze, solder, tin and all white metals. Cement and concrete are dissolved by Descaler.
- Immersion tanks and pumps should be made of acid resistant materials.
- The action of Descaler on hard water scales produces carbon dioxide gas. This gas may result in excessive foaming and production of acid sprays. Always add Descaler slowly to vessels requiring descaling.
- The action of Descaler on metals produces hydrogen gas which is explosive. Always ensure adequate venting to atmosphere. DO NOT SMOKE or have naked flames near the vent.
- The special inhibitors formulated in Descaler allow the product to be used safely and with minimal attack on mild steel, copper and admiralty metals at temperatures up to 60°C. If uncertain, test strips of metal should be tested in Descaler solutions.

HAZARDS

Descaler and solutions of Descaler are strongly acidic and should be handled with care. Rubber gloves and eye protection should be worn.

DESCALER is classified as HAZARDOUS according to the criteria of Safe Work Australia and is classified as a DANGEROUS GOOD according to the Australian Dangerous Goods Code. Refer to our safety data sheet (SDS) for more information or consult your Chemform representative for further assistance.

PACKAGES

20 litre drums