

# SUPER DESCAL 1

## INHIBITED HYDROCHLORIC ACID DESCALER

SUPER DESCAL 1 is a hydrochloric acid based rust remover and descaler. It contains an inhibitor which minimises attack on steel and cast iron during normal operations.

Whilst SUPER DESCAL 1 is designed for removing medium to heavy deposits of rust and scale from steel and cast iron, it can also be used on other metals such as copper or copper based alloys for limited periods.

**PACK SIZE** 10 litre polypail      **CODE:** 0513-0010



### USAGE DIRECTIONS

SUPER DESCAL 1 can be used hot up to a maximum of 82°C, or cold depending on concentration. When diluting always ensure that SUPER DESCAL 1 is added to water - **not vice versa!**

For normal de-rusting and descaling operations, concentrations between 2% v/v and 10% v/v should be used. Higher concentrations up to 50% v/v depending on rust and scale encountered can be used.

Where SUPER DESCAL 1 solution is to be recirculated for a considerable time, usage concentrations lower than 2% v/v can be used.

For descaling single tank dishwashing machines, fill wash tank with detergent free hot water, add 2 litres of SUPER DESCAL 1 of and run the machine in manual mode for 10 - 15 minutes at 55°C until the scale deposits are removed. Empty tank, flush with clean water and allow to air dry. For twin tank or flight dishwashing machines, add 2 litres of SUPER DESCAL 1 to each tank, and repeat process as above.

### TECHNICAL DATA

<b>Appearance</b>	Pale straw coloured liquid	<b>pH (conc)</b>	< 2.0
<b>Odour</b>	Irritating odour	<b>Sg</b>	1.1 - 1.2
<b>Solubility in Water</b>	Soluble		

### CLP PICTOGRAM

Signal Word - **Danger**



### CLP HAZARD STATEMENTS

H314 Causes severe skin burns and eye damage.  
H315 May cause respiratory irritation.

### CLP PRECAUTIONARY STATEMENTS

P102	Keep out of reach of children.
P260	Do not breathe vapours.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local regulations.

### SAFE HANDLING & STORAGE

Do not mix with other chemicals. Not safe on aluminium. Protect from frost.

For full Health & Safety information please refer to Safety Data Sheet number 0513

**ADVANTAGE**  
CHEMICALS

### Advantage Chemicals Institutional Ltd

Unit 9 Strensham Business Park, Strensham, Worcestershire WR8 9JZ  
Tel: 01684 273299      Web: [www.advchem.co.uk](http://www.advchem.co.uk)      Email: [sales@advchem.co.uk](mailto:sales@advchem.co.uk)