



# DESCALE

**Rapid Scale & Rust Remover for All Processing Plant**

**Rapidly Dissolves Heavy Protein & Mineral Scale Build-Up**  
**Leaves a passivated phosphate film on ferrous metals**  
**Helps protect against further rusting**

- Low-foaming for use by hand, soak or circulation cleaning methods.
- Use on all types processing equipment, including tray washers, hot water troughs, boilers etc.
- **DESCALE** leaves a passivated phosphate film on ferrous metals to help protect against rusting.
- **Hydra DESCALE** is low foaming and free rinsing.



## Versatile

Rapidly removes the heaviest deposits from tray washing machines, drains, heating and cooling systems, boilers, water tanks and drains.

## Safe

Dissolves iron oxides at ambient temperatures. Safe to use with steel, stainless steel, cast iron, copper, brass and most plastics / rubber.

## Low Foaming

Low foaming, non-fuming making it easier and safe to use.

## Dilution Rates

Rusted Parts,	Neat to 1:50 with water
Blocked drains & pipes	Neat
Boiler de-scaling	1:3 to 1:4 with water
Tray/Dishwashing machines	1:6 to 1:10 with water



## HOW TO USE

1. Immerse, spray or mop article to be cleaned in **DESCALE** solution.
2. With de-scaling tray washing machines, dishwashing machines and boilers, use hot water if available as this will considerably speed up the cleaning time, do not heat above 70°C.
3. Allow to remain in contact until all contamination has been dissolved.
4. After treatment article should be washed thoroughly with plenty of clean water.

When used to de-scale equipment, a small area should be tested to determine the dilution rate required.

## CAUTION

Do not mix this product with Bleach or any other product.

Abattoirs/Catering&Kitchens/FoodIndustry/03/2008



## Hydra International Limited

Cerberian House, Carters Lane,  
Kiln Farm, Milton Keynes MK11 3ER, U.K.  
Tel: 01908-265889 Fax: 01908-262097

Email: [sales@hydra-int.com](mailto:sales@hydra-int.com) Web Site: [www.hydra-int.com](http://www.hydra-int.com)



## Material Safety Data Sheet

All the information on this sheet relates to the concentrated product only, in use dilution will decrease any possible hazard significantly.

### Manufacturer

#### Hydra International Ltd

Cerberian House, Carters Lane, Kiln Farm, Milton Keynes MK11 3ER UK

Tel: 01908-265889 Fax: 01908-262097

E-mail: sales@hydra-int.com Web Site: www.hydra-int.com



<b>1. IDENTIFICATION</b>	Descale	
<b>2. HAZARDS IDENTIFICATION</b>	Corrosive	
<b>3. COMPOSITION</b>	An aqueous blend of Hydrochloric and Phosphoric acids, Non-ionic, Cationic and Amphoteric Surfactants	
<b>4. FIRST AID MEASURES</b>	EYES SKIN INHALATION INGESTION	Flush with copious amounts of water and seek medical advice Wash with soap and water Not applicable In the unlikely event of ingestion seek medical aid immediately Give nothing by mouth to an unconscious person
<b>5. FIRE HAZARD &amp; FIRE FIGHTING PROCEDURES</b>	Non flammable	
<b>6. ACCIDENTAL RELEASE MEASURES</b>	SMALL SPILLS LARGE SPILLS	Wash away with water Cover with sand and earth. Pickup and hold for waste disposal
<b>7. HANDLING AND STORAGE</b>	Closed containers above 5°C	
<b>8. EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	RESPIRATORY PROTECTION VENTILATION PROTECTIVE GLOVES EYE PROTECTION OCCUPATIONAL EXPOSURE LIMIT	Not applicable Not applicable Wear PVC or Rubber Gloves Wear goggles Not applicable
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	PHYSICAL STATE COLOUR ODOUR FLASHPOINT SOLUBILITY SPECIFIC GRAVITY	Liquid Straw Acidic Non Flammable Water Soluble 1.220 + -0.01 @ 20°C
<b>10. STABILITY &amp; REACTIVITY DATA</b>	CHEMICAL REACTIVITY STORAGE STABILITY INCOMPATIBILITY HAZARDOUS DECOMPOSITION AND COMBUSTION PRODUCTS	Reacts as an Acid Stable Alkali Material None
<b>11. TOXICOLOGICAL INFORMATION</b>	EYES SKIN INHALATION INGESTION	Corrosive Corrosive Corrosive Harmful/Corrosive
<b>12. ECOLOGICAL INFORMATION</b>	Not classified as dangerous to the environment	
<b>13. DISPOSAL CONSIDERATION</b>	As per current rules of local authority	
<b>14. TRANSPORTATION INFORMATION</b>	Contains Phosphoric Acid. Corrosive. Contains Hydrochloric Acid. Corrosive.	Packing Group II. UN 1805 Packing Group II. UN 1789
<b>15. REGULATORY INFORMATION</b>	LABELLING INFORMATION	Contains 22% Phosphoric Acid 15% Hydrochloric Acid
<b>RISK PHRASES</b>	R34 Causes burns R37 Irritating to respiratory system	
<b>SAFETY PHRASES</b>	S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S27 Take off immediately all contaminated clothing S36/37/39 Wear suitable protective clothing, gloves and eye/face protection S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)	
<b>HAZARD SYMBOL</b>	Corrosive	
<b>16. OTHER INFORMATION</b>	1st September 2007	

The information contained in this document is provided in accordance with the requirements of Chemicals (Hazard Information & Packing) Regulations. The product should not be used for any purpose other than as stated on the label without obtaining specific written instructions directly from the supplier's Head Office. As specific conditions of use are outside the supplier's control the user is responsible for ensuring the requirements of relevant legislation are complied with. The user assumes all liability for damage or injury caused from abnormal use, failure to follow recommended practices & any hazard inherent in the nature of the product.