



# BOSS

## Powerful & Safe Heavy Duty Scale Remover

**Heavy duty acid descaler, designed for the rapid removal of milk stone, beer stone, protein scale, water scale, tannin stains, rust, etc.,**

### FAST ACTING

**BOSS** is based on an organic acid non-ionic surfactants which provide fast wetting and penetration for the rapid removal of inorganic deposits, from most surfaces.

### SAFE

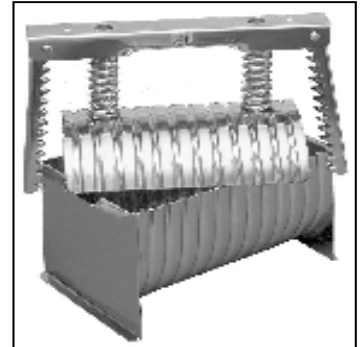
**BOSS** solutions when applied according to directions are harmless to stainless steel, aluminium, copper, brass, bronze and lead surfaces, non-flammable.

### PASSIVATED SURFACE

**BOSS** actually conditions the metal while it cleans, it leaves a passivated surface through chemically controlled methods.

### DILUTION RATE

Use 2—20% solution with water, depending upon the degree and type of deposit to be removed.



## HOW TO USE

### MOP METHOD

1. Apply to diluted solution by mop or brush.
2. Allow to remain in contact with the surface to be cleaned until all the contamination has been dissolved.
3. Rinse with clean water and allow to dry.

### SOAK METHOD

1. Fill plastic tank with diluted solution.
2. Lower article to be cleaned into tank.
3. Allow articles to remain until all contamination and corrosion has been dissolved.
4. Remove articles and rinse with clear water, preferably under pressure, and allow to dry.

**N.B.** Do not use with HYPOCHLORITE solutions or any other chemical.

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



1. IDENTIFICATION	Boss	
2. HAZARDS IDENTIFICATION	Corrosive	
3. COMPOSITION	An aqueous blend of phosphoric and hydrochloric acids, cationic and non-ionic surfactants and glycol ether	
4. FIRST AID MEASURES	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
5. FIRE HAZARD & FIRE FIGHTING PROCEDURES	Non flammable	
6. ACCIDENTAL RELEASE MEASURES	SMALL SPILLS LARGE SPILLS	Wash away with water Cover with sand and earth. Pickup and hold for waste disposal
7. HANDLING AND STORAGE	Closed containers above 5°C	
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	RESPIRATORY PROTECTION VENTILATION PROTECTIVE GLOVES EYE PROTECTION OCCUPATIONAL EXPOSURE LIMIT	Wear respirator Use in well ventilated area Wear PVC or Rubber Gloves Wear goggles Not applicable
9. PHYSICAL AND CHEMICAL PROPERTIES	PHYSICAL STATE COLOUR ODOUR FLASHPOINT SOLUBILITY SPECIFIC GRAVITY	Liquid Water White Acid Non Flammable Water Soluble 1.198 + -0.01 @ 20°C
10. STABILITY & REACTIVITY DATA	CHEMICAL REACTIVITY STORAGE STABILITY INCOMPATIBILITY HAZARDOUS DECOMPOSITION AND COMBUSTION PRODUCTS	Reacts as an Acid Stable Alkali Material None
11. TOXICOLOGICAL INFORMATION	EYES SKIN INHALATION  INGESTION	Corrosive Corrosive Irritant  Harmful/Corrosive
12. ECOLOGICAL INFORMATION	Not classified as dangerous to the environment	
13. DISPOSAL CONSIDERATION	As per current rules of local authority	
14. TRANSPORTATION INFORMATION	Contains Phosphoric Acid.. Corrosive. Packing Group II UN 1824	
15. REGULATORY INFORMATION	LABELLING INFORMATION	Contains 33% Phosphoric Acid
	<b>RISK PHRASES</b>	R34 Causes burns
	<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
16. OTHER INFORMATION	1st January 2008	

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.