

Reference Number : 067
 Revision Date : 15/05/2002
 Revision Number : 5
 Material / Trade Name : SCALE-OFF

1 - Substance Identification

(Synonym :)

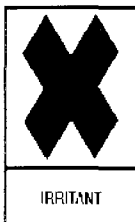
Material / Trade Name : SCALE-OFF
 Material Type : ACIDIC CLEANER
 Company : The Paramount Group
 Address : Lydney Industrial Estate,
 Harbour Rd, Lydney
 Gloucestershire, UK
 GL15 4EJ
 Telephone : 01594 842688
 Fax : 01594 842989
 Emergency Telephone : 01594 842688

2 - Composition

Substance	% Wt.	Cas Number	Eec Number
Hydrochloric Acid	15-20%	7647-01-0	231-595-7
Phosphoric Acid	5-10%	7664-38-2	231-633-2

3 - Hazard Identification

a) Hazard Symbols:



b) Risk & Safety:

Xi;
 R36/37/38

R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN
 See Section 16*

S2 Keep Out Of Reach Of Children
 S26 In Case Of Contact With Eyes, Rinse Immediately With Plenty Of Water
 S37 Wear Suitable Gloves
 S45 In Case Of Accident Or If Feeling Unwell Seek Medical Advice Immediately

4 - First-aid Measures

a) Inhalation:

Remove From Source Of Exposure
 Keep Warm And At Rest
 If Recovery Is Not Rapid Obtain Prompt Medical Attention

b) Eyes:

Immediately Flood With Copious Amounts Of Water, Holding The Eye Open If Necessary
 Irrigate With Water For At Least 15 Minutes
 Get Prompt Medical Attention

c) Skin:

Undiluted Product...
 If Affected Area Is Large, Preferably Use A Shower And Remove Contaminated Clothing As Washing Proceeds
 Drench Affected Area Of Skin With Running Water For At Least 10 Mins
 If Irritation Persists Or Blistering Occurs, Obtain Medical Attention
 Contaminated Clothing Should Be Washed Thoroughly Before Re-use

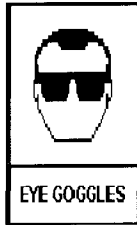
d) Ingestion:

Undiluted Product...
 If Product Is Confined To Mouth, Ensure Mouthwash Is Not Swallowed
 If Swallowed, Give Water To Drink Immediately
 Do Not Induce Vomiting
 Seek Medical Attention Immediately
 Show This Safety Data Sheet To Medical Personnel

Reference Number : 067
 Revision Date : 15/05/2002
 Revision Number : 5
 Material / Trade Name : SCALE-OFF

8 - Exposure Controls

Occupational Exposure Limit : Hydrogen Chloride STEL 7mg/m3, Phosphoric Acid STEL 3mg/m3
 Biological Exposure Limit : Not Determined



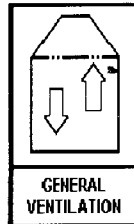
If Eye Contamination Likely



Avoid Skin Contact



If Splashing Is Likely



Use In Well Ventilated Areas

9 - Physical & Chemical Properties

Appearance	PALE YELLOW LIQUID
Odour	ACID
Ph	1.0 - 2.0
Boiling Point/range	NOT APPLICABLE
Melting Point/range	NOT APPLICABLE
Flash Point	NOT APPLICABLE
Flammability	NOT APPLICABLE
Autoflammability	NOT APPLICABLE
Explosive Properties	SEE SECTION 10
Oxidising Properties	SEE SECTION 10
Vapour Pressure	NOT APPLICABLE
Relative Density	1.130 - 1.140 AT 20°C
Solubility	UNLIMITED IN WATER
Partition Coefficient	NOT DETERMINED
Miscibility	NOT DETERMINED
Vapour Density	NOT APPLICABLE
Evaporation Rate	NOT APPLICABLE
Viscosity	NOT APPLICABLE

10 - Stability And Reactivity

Stability: Stable In Normal Usage
 Conditions To Avoid: Extremes Of Temperature
 Materials To Avoid : Peroxides & Bleaches
 Do Not Mix with Alkaline or Bleach Based Cleaning Agents
 Avoid Prolonged Contact With Enamels

11 - Toxicological Information

Routes Of Exposure: Inhalation, Skin And Eye Absorption, Ingestion
 Health Effects: Irritating To Eyes And Skin
 Health Effects: Irritating To Respiratory System
 Health Effects: Ingestion May Cause Irritation Of The Mouth, Throat And Digestive Tract

Reference Number : 067
 Revision Date : 15/05/2002
 Revision Number : 5
 Material / Trade Name : SCALE-OFF

12 - Ecological Information

Do Not Release Into Surface Waters
 Acidity Expected To Be Slowly Neutralised In Environment
 Toxic To Aquatic Life. Lethal Limits 280ppm Freshwater/100ppm Saltwater (HCl)

13 - Disposal Considerations

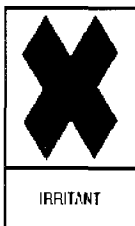
Do Not Discharge Into Surface Water Drains
 Dispose Of In Accordance With Local Authority Regulations
 Use Only Properly Licensed Contractors

14 - Transport Information

UN/SI Number: 3264
 IMO: 8, Corrosiv Packing Grp: II Marine Pollutant: NO
 IATA/ICAO: Packing Grp:
 ADR/RID: Item:
 Transport Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
 Hazchem/Kemler Code: 2X
 Hazard Identification Number 80, Special Provision 185

15 - Regulatory Information

a) Hazard Symbols:



Xi;
 R36/37/38

b) Risk & Safety:

R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN
 See Section 16*

S2 Keep Out Of Reach Of Children
 S26 In Case Of Contact With Eyes, Rinse Immediately With Plenty Of Water
 S37 Wear Suitable Gloves
 S45 In Case Of Accident Or If Feeling Unwell Seek Medical Advice Immediately

c) Other Regulations:

d) Transport Information:

UN/SI Number: 3264
 IMO: 8, Corrosiv Packing Grp: II Marine Pollutant: NO
 IATA/ICAO: Packing Grp:
 ADR/RID: Item:
 Transport Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
 Hazchem/Kemler Code: 2X
 Hazard Identification Number 80, Special Provision 185

16 - Other Information

*For An Interim Period There May Be A Discrepancy Between The Classification Of This Product When Comparing The Label & This Safety Data Sheet. Where Such A Discrepancy Occurs, The Classification On This Sheet Should Be Accepted As Correct.