

Reference Number : 043  
 Revision Date : 05/10/2004  
 Revision Number : 5  
 Material / Trade Name : BUZ

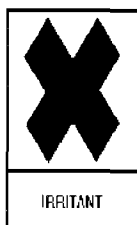
**1 - Substance Identification** (Synonym : )

Material / Trade Name : BUZ  
 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	10-15%	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  
 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  
 Warning! Do Not Use With Other Products. May Release Dangerous Gas (Chlorine)

**4 - First-aid Measures**

a) Inhalation:

Remove From Source Of Exposure  
 Keep Warm And At Rest  
 In Event Of Respiratory Distress, Give Oxygen  
 Obtain Medical Attention Urgently

b) Eyes:

Take Care Not To Wash Chemical From One Eye To The Other  
 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:

Remove Contaminated Clothing  
 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:

Wash Out Mouth With Water  
 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

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**5 - Fire-fighting Measures**

- a) Suitable Extinguishers: Product Does Not Represent A Fire Hazard
- b) Unsuitable Extinguishers: Not Applicable
- c) Hazardous Decomposition: May Create Oxides Of Carbon
- d) Special Procedures: Do Not Breathe Decomposition Products And Fumes  
Use Approved Self-Contained Breathing Apparatus  
Use Water Spray To Cool Containers

**6 - Accidental Release Measures**

- a) Exposure Controls: Undiluted Product . . . .  
Mark Area And Warn All Personnel  
Do Not Allow Spill To Enter Surface Water Drains
- b) Personal Protection: Avoid Contact With Skin And Eyes  
Wear Appropriate Protective Clothing - See Section 8
- c) Disposal Considerations: Absorb In Inert Material Such As Sand Or Absorbent Granules  
Cover With Soda Ash, Sodium Bicarbonate Or Carbonate & Mix To Slurry  
If Local Authority Regulations Permit, Wash Neutralised Slurry To Waste  
With Plenty Of Water. Otherwise Transfer Slurry To Container To Await  
Disposal By Licensed Contractor.

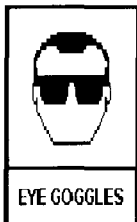
**7 - Handling And Storage**

- a) Handling: Ensure Adequate Ventilation  
Avoid Contact With Nylon Clothing & Footwear  
Avoid Eye Contact  
Avoid Skin Contact  
Wear Suitable Protective Clothing (See Section 8)
- b) Storage: Store In Tightly Closed Labelled Containers  
Avoid Extremes Of Temperature  
Store Away From Foodstuffs  
Store Away From Incompatible Materials - See Section 10

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## 8 - Exposure Controls

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



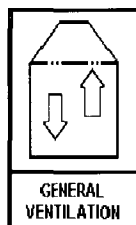
If Eye Contamination Likely



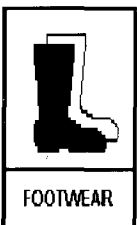
Avoid Skin Contact



If Splashing Is Likely



Use In Well Ventilated Areas



Wear Chemical Resistant Footwear If Splashing Likely

## 9 - Physical &amp; Chemical Properties

Appearance	BLUE LIQUID
Odour	FLORAL
Ph	0 - 2.50
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	1.120 AT 20°C
Solubility	UNLIMITED IN WATER
Partition Coefficient	NOT DETERMINED
Miscibility	NOT DETERMINED
Vapour Density	NOT APPLICABLE
Evaporation Rate	NOT APPLICABLE
Viscosity	500 - 600cPs AT 20°C

## 10 - Stability And Reactivity

Stability: Stable In Normal Usage  
 Do Not Mix with Bleach or Bleach Based Cleaning Agents  
 Materials To Avoid : Peroxides & Bleaches  
 Avoid Prolonged Contact With Enamels  
 Avoid Contact With Nylon Clothing & Footwear

## 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

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## 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

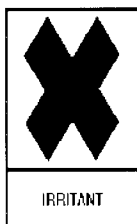
Do Not Allow Undiluted Product To Enter Surface Water Drains  
 Dispose Of In Accordance With Local Authority Regulations  
 Use Only Properly Licensed Contractors

## 14 - Transport Information

UN/SI Number: 3264  
 IMO: 8, Corrosiv Packing Grp: III 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 &amp; Safety:

R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN  
 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  
 Warning! Do Not Use With Other Products. May Release Dangerous Gas (Chlorine)

## c) Other Regulations:

## d) Transport Information:

UN/SI Number: 3264  
 IMO: 8, Corrosiv Packing Grp: III Marine Pollutant: NO  
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 Transport Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
 Hazchem/Kemler Code: 2X  
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## 16 - Other Information

Not Applicable