

Reference Number : 117
 Revision Date : 23/05/2002
 Revision Number : 5
 Material / Trade Name : TOPAZ

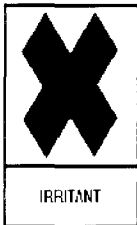
1 - Substance Identification (Synonym :)

Material / Trade Name : TOPAZ
 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
	Phosphoric Acid	15-20%	7664-38-2	231-633-2

3 - Hazard Identification

a) Hazard Symbols:



IRRITANT

Xi;R36/38

b) Risk & Safety:

R36/38 IRRITATING TO EYES 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

4 - First-aid Measures

a) Inhalation: Not Applicable

b) Eyes:

Undiluted Product...
 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
 Diluted Product...
 Irrigate With Water Until Irritation Subsides, If Irritation Persists Seek Medical Attention

c) Skin:

Undiluted Product...
 Remove Contaminated Clothing
 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
 Diluted Product...
 Wash Skin With Soap/Cleanser And Rinse With Plenty Of Water

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:**

Substance Does Not In Itself Represent A Fire Hazard
Carbon Dioxide (CO2) - Black
Foam - Cream
Dry Powder - Blue
Water Spray

b) Unsuitable Extinguishers:

Do Not Use Water Jets

c) Hazardous Decomposition:

May Create Oxides Of Carbon
Decomposes To Produce Irritating Fumes

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
Scoop Up And Place In Plastic Container To Await Transfer
Dispose Of In Accordance With Local Authority Regulations
Do Not Allow Undiluted Product To Enter Surface Water Drains

7 - Handling And Storage**a) Handling:**

Avoid Eye Contact
Avoid Skin Contact
Wear Suitable Protective Clothing (See Section 8)

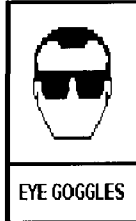
b) Storage:

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

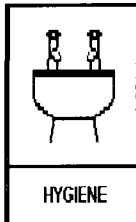
Occupational Exposure Limit : Phosphoric Acid STEL 3mg/m3
 Biological Exposure Limit : Not Determined



If Eye Contamination Likely



Avoid Skin Contact



If Skin Is Contaminated, Wash Off Immediately

9 - Physical & Chemical Properties

Appearance	LIQUID
Odour	LEMON
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	NONE BUT SEE SECTION 10
Oxidising Properties	SEE SECTION 10
Vapour Pressure	NOT APPLICABLE
Relative Density	1.060 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

Undiluted Fluid...
 Health Effects: Moderately Irritating To Eyes With Possible Corneal Damage
 Health Effects: Prolonged Or Repeated Skin Contact May Cause Defatting And Irritation And/Or Dermatitis
 Health Effects: Ingestion May Cause Irritation Of The Mouth, Throat And Digestive Tract
 Diluted Product...
 May Cause Transient Stinging Or Redness If Accidental Eye Contact Occurs
 Prolonged Contact With Skin May Cause Some Irritation

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12 - Ecological Information

Do Not Release Into Surface Waters
 Ecotoxicity: No Specific Data Available
 Persistence: No Specific Data Available
 Acidity Expected To Be Slowly Neutralised In Environment

13 - Disposal Considerations

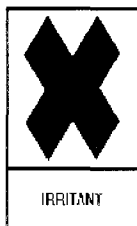
Do Not Allow Undiluted Product To Enter Surface Water Drains
 Dispose Of In Accordance With Local Authority Regulations
 Use Only Properly Licensed Contractors

14 - Transport Information

UN/SI Number: 1805
 IMO: 8, Corros. Packing Grp: III Marine Pollutant: NO
 IATA/ICAO: Packing Grp:
 ADR/RID: Item:
 Transport Name: PHOSPHORIC ACID
 Hazchem/Kemler Code: 2R
 Hazard Identification Number 80

15 - Regulatory Information

a) Hazard Symbols:



Xi;R36/38

b) Risk & Safety:

R36/38 IRRITATING TO EYES 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

c) Other Regulations:

d) Transport Information:

UN/SI Number: 1805
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16 - Other Information

Not Applicable