

Reference Number : 016
 Revision Date : 25/11/1999
 Revision Number : 2
 Material / Trade Name : GEM

1 - Substance Identification

(Synonym :)

Material / Trade Name : GEM
 Material Type : RINSE AID
 Company : The Paramount Group
 Address : Lydney Industrial Estate,
 Harbour Rd, Lydney
 Gloucestershire, UK
 GL15 4BJ
 Telephone : 01594 842688
 Fax : 01594 842989
 Emergency Telephone : 01594 843525

2 - Composition

Substance	% Wt.	Cas Number	Eec Number
Alcohol Ethoxylate	5-10%	069227-21-0	

3 - Hazard Identification**a) Hazard Symbols:****b) Risk & Safety:**

Not Classified As Hazardous Under The Chip Regulations 1998
 Keep Out Of Reach Of Children
 Avoid Contact With Eyes

4 - First-aid Measures**a) Inhalation:**

Not Applicable

b) Eyes:

Undiluted Product...
 Irrigate With Water For At Least 15 Minutes
 If Irritation Persists Then Consult A Doctor
 Diluted Product...
 Irrigate With Water Until Irritation Subsides, If Irritation Persists Seek
 Medical Attention

c) Skin:

Undiluted Product...
 Remove Clothing And Wash Contaminated Area With Plenty Of Water
 If Irritation Persists, Obtain Medical Attention
 Diluted Product...
 Wash Skin With Soap/Cleanser And Rinse With Plenty Of Water
 Contaminated Clothing Should Be Washed Thoroughly Before Re-use

d) Ingestion:

Undiluted Product...
 Wash Out Mouth With Water
 Give Plenty Of Water To Drink
 Do Not Induce Vomiting
 Seek Medical Advice Immediately
 Diluted Product...
 Give Water To Drink To Dilute Product Further. Seek Medical Advice

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5 - Fire-fighting Measures**a) Suitable Extinguishers:**

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

b) Unsuitable Extinguishers:**c) Hazardous Decomposition:**

Toxic Fumes Are Produced When Substance Is Involved In A Fire

d) Special Procedures:

Use Water Spray To Cool Containers
Do Not Breathe Decomposition Products And Fumes
Use Approved Self-Contained Breathing Apparatus

6 - Accidental Release Measures**a) Exposure Controls:**

Do Not Allow Spill To Enter Drains And Watercourses

b) Personal Protection:

Avoid Contact With Eyes
Wear Suitable Gloves
If Skin Contamination Is Likely Wear Impervious Overalls

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

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

Avoid Eye Contact
Avoid Skin Contact With Undiluted Product
If Possible Avoid Prolonged Or Repeated Contact With Diluted Product

b) Storage:

Store At Ambient Temperatures
Store Away From Incompatible Materials - See Section 10
Store In Original Containers

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8 - Exposure Controls

Occupational Exposure Limit : NOT DETERMINED
 Biological Exposure Limit : NOT DETERMINED



Avoid Skin Contact
 With Undiluted
 Product -
 Prolonged Use May
 Defat The Skin



If Splashing Is
 Likely

9 - Physical & Chemical Properties

Appearance	BLUE LIQUID
Odour	SLIGHTLY ALCOHOLIC
Ph	6.00-8.00
Boiling Point/range	NOT APPLICABLE
Melting Point/range	NOT APPLICABLE
Flash Point	NOT APPLICABLE
Flammability	NOT APPLICABLE
Autoflammability	NOT APPLICABLE
Explosive Properties	NOT APPLICABLE
Oxidising Properties	NOT APPLICABLE
Vapour Pressure	NOT APPLICABLE
Relative Density	0.980 - 1.025
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

Conditions To Avoid: High Temperatures
 Materials To Avoid: Acids
 Materials To Avoid: Strong Bases
 May React With Strong Oxidants
 Stability: Stable In Normal Usage

11 - Toxicological Information

Undiluted Fluid...
 Health Effects: May Irritate The Eyes
 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

