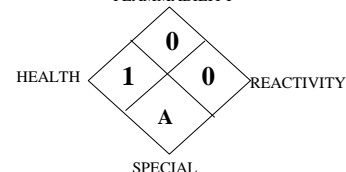


**EUROCHEM INTERNATIONAL  
CORPORATION**600 Wendell Court  
Atlanta, GA 30336**RISK N.F.P.A.**

- 4.- Extreme  
3.- High  
2.- Moderate  
1.- Light  
0.- Without risk

**FLAMMABILITY****MATERIAL SAFETY DATA SHEET****FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL - CHEMTREC (800) 424-9300**

|                                |  |   |       |
|--------------------------------|--|---|-------|
| Material:<br><b>MAGIC PLUS</b> | Classification:<br><b>Hand dishwash shampoo.</b> | Date:<br><b>May-03</b>  | Code: |
| Formula:<br>Mixture.           | Chemical Name and Synonymous<br>Chemical blend.  | D.O.T. SHIPPING INFORMATION<br>Alkyl Sulfonic Acid, Liquid, 8, UN2586, PG III |       |

**I.- HAZARDOUS INGREDIENTS**

| Hazardous Components ( Specific Chemical Identity; Common Name(s) | % by weight | CAS        | TWA/TLV |
|---|-------------|------------|---------|
| Dodecylbenzene sulfonic acid                                      | <10         | 21716-87-0 |         |
| Potassium Hydroxide   | <4          |            |         |

**II.- PHYSICAL AND CHEMICAL CHARACTERISTICS**

|                                      |                                   |   |                |
|--------------------------------------|-----------------------------------|---|----------------|
| Appearance:                          | Clear yellow to yellow liquid.    | Boiling Point                             | 198 - 200 °F   |
| Odor:                                | Characteristic slight lemon odor. |   |                |
| pH direct:                           | 9.0 to 9.5                        |   |                |
| Vapor Pressure 20 °C (mm Hg)         | Not determined                    | Vapor Density ( Air = 1 )                 | Not determined |
|                                      |                                   | Evaporation Rate ( Butyl Acetate = 1 )    | Not applicable |
| Melting Point / Freezing Point. (°C) | Not determined                    | Specific Gravity ( H <sub>2</sub> O = 1 ) | 1.03 - 1.05    |
|                                      |                                   | % Volatile by weight:                     | Not applicable |
|                                      |                                   | Solubility in water:                      | Soluble        |

**III.- FIRE AND EXPLOSION HAZARD DATA**

|   |  |   |
|---|--|---|
| Flash Point & Method Used:              | Flammable limits in air, % by vol.       | Flammable limits in air, % by vol.                      |
| Not applicable                          | Lower: Not applicable                    | Upper: Not applicable                                   |
| Auto-Ignition Temperature (°C)          | Dust:                                    | Explosion, minim concentration. (O <sub>2</sub> /Cu Ft) |
| Not applicable                          | N/A                                      | Not applicable  |
| Ignition energy (Milijoules)            |  | Not applicable  |
| Extinguishing Media.                    |  |   |
| <input type="checkbox"/> Foam           | <input type="checkbox"/> "Alcohol" Foam. | <input checked="" type="checkbox"/> CO <sub>2</sub>     |
| <input type="checkbox"/> Not applicable |  | <input checked="" type="checkbox"/> Water               |
|   |  | <input checked="" type="checkbox"/> Other               |
|   |  | <input checked="" type="checkbox"/> Dry Chemical        |
|   |  | Sand  |

Special Fire Hazard: None

Fire Fighting Methods: Product does not support combustion.

Time - weighed average. Concentrations for up a 8 - hour workday during a 40 - hour work - week.  
Not determined

Signs and Symptoms of Exposure:

a) Inhalation.- None known

b) Contact.- Eyes.- Contact may cause varying degrees of irritation, depending on length exposure and shed tears.  
Skin. - May cause irritation, elimination of the natural fats and dermatitis.

c) Ingestion.- May cause nausea, vomiting, diarrhea, stomach irritation and abdominal pain.

Emergency first aid procedure:

Inhalation: Immediately remove victim to fresh air

Contact: Eyes.- Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention immediately. Skin.- Immediately flush skin with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse.

Ingestion: If victim is conscious and able to swallow, promptly have victim drink large amounts of water, followed by white eggs or milk. Never give anything by mouth if the victim is unconscious or having convulsions. Call a physician immediately.

**V.- REACTIVITY DATA**

|  |  |
|--|--|
| Stability: <input checked="" type="checkbox"/> Stable<br><b>MAGIC PLUS:</b> <input type="checkbox"/> Unstable  | Conditions to Avoid:<br>Open containers and spill. |
| Hazardous Decomposition or Byproducts<br>Decomposition by fire may produce COx and SOx.  |  |
| Hazardous Polymerization.<br><input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur   | Conditions to Avoid.                               |
| Incompatibility ( Materials to Avoid )<br><input type="checkbox"/> Water <input checked="" type="checkbox"/> Other Avoid contact with acids, alkaline and strong oxidizing - reducing agents.<br>Cationic surfactants. |  |

**VI.- PRECAUTIONS FOR SAFE HANDLING AND USE:**

Step to be taken in case materials is released or spilled:  
Stop spill immediately, isolate the area, contain spilled material, collect using absorbent media ( sand or sawdust).  
Transfer to secure containers. Wash the area with water to eliminate residues.

Waste Disposal Method:  
Dilute with plenty of water and dispose in conformance with all applicable local, state and federal laws and regulations, and in conformance with good manufacturing practices.  
An alternative is to use to product like soap. Avoid the direct discharge to residuals water.

**VII.- CONTROL MEASURES.**

|   |  |
|---|--|
| Ventilation:<br>Always handle in adequate ventilation.  |  |
| Respiratory Protection<br>Not necessary.  |  |
| Protective Gloves:<br>Rubber gloves of industrial use   | Eye protection:<br>Wear safety glasses |
| Other Protective Clothing or Equipment:<br>Safety shower, eye wash station and protective clothing. |  |

**VIII.- HANDLING, STORAGE AND USAGE.**

|  |  |  |   |   |
|--|--|--|---|---|
| Storage:<br><b>12 Months</b>           | Inside: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not | Hot Rooms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not  | Refrigerate: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not | Outer: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not |
| Storage - Temperature<br>Maxim. Minim. |  | General Storage Observations.<br><br>Store in dry and fresh atmosphere, under roof. Keep container closed while not in use.<br>Keep out of reach of children, the mentally ill individuals and from foods. |   |   |
| Preventive Etiquette:                  |  |  |   |   |

|                                    |               |
|------------------------------------|---------------|
| Eurochem International Corporation | Atlanta, Ga   |
| Company                            | Address       |
| Gwen Winston                       | Gwen Winston  |
| Prepared By                        | Authorization |

**ADVISE.-**

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which EUROCHEM INTERNATIONAL CORPORATION bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.