I - Product Identification

Product Identifier:

{ Fire Extinguisher ABC Multipurpose Dry Chemical
{ Fire Extinguisher Powder ABC Multipurpose

Chemical Name: ABC Dry Chemical (Mono-Ammonium Phosphate)
Chemical Family: Mixture
Formula: (NH₄)₂HPO₄

Product Use:
Used in the application of extinguishing fires.

Manufacturer's Name and Telephone Number:
Flag Fire Equipment
Hwy #2 & Patillo Road, RR#1
Tecumseh, Ontario
N8N 2L9

Emergency Telephone: 519-727-6722
Technical Information: 519-727-6722

II - Hazardous Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Cas #</th>
<th>LD₅₀</th>
<th>LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica Gel</td>
<td>0.12</td>
<td>112926-00-8</td>
<td>&gt;4500 mg/kg/rat</td>
<td>&gt;2 mg/kg/rat</td>
</tr>
</tbody>
</table>

Other Ingredients

- Mono Ammonium Phosphate 7722-76-3
- Tricalcium Phosphate 12167-74-7
- Methyl Hydrogen Polysiloxane 63148-57-2

Fire Extinguishers contain compressed air to ensure a high velocity discharge of product. WHMIS Class A.

III - Physical Data

- Physical State: Solid
- Odour and Appearance: Yellow Crystal and odourless
- Odour Threshold (ppm): Not Applicable
- Vapour Pressure (mm Hg): Not Applicable
- Evaporation Rate: None
- Boiling Point (°C): Not Applicable
- Freezing Point (°C): Not Applicable
- pH: 4.5 of 1% solution
- Specific Gravity: Not Applicable
- Solubility in Water: 38 grams / 100 ml H₂O

IV - Fire and Explosion Data

- Flashpoint (°C) and Method: Non-flammable
- Means of Extinction: None required
- Upper Flammable Point: Not Applicable
- Lower Flammable Point: Not Applicable
- Auto Ignition Temperature (°C): Not Applicable
- Hazardous Combustion Products: None Known

Explosion Data

- Sensitivity to Impact: Not Applicable
- Sensitivity to Static Discharge: Not Applicable

V - Reactivity Data

<table>
<thead>
<tr>
<th>Yes</th>
<th>Chemical Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Incompatibility with other substances</td>
</tr>
</tbody>
</table>

Conditions to avoid:

- Do not mix with strong Alkalies

Hazardous Decomposition Products

Decomposes if heated above 121°C - 135°C
Ammonia, Carbon Monoxide and Oxides of Nitrogen are produced.

VI - Toxicological Properties

Route of Entry

<table>
<thead>
<tr>
<th>Skin Contact</th>
<th>Eye Contact</th>
<th>Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin Absorption</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Effects of Overexposure:

At high dust concentrations, irritation of eyes, skin and mucus membranes by chemical or mechanical action may occur.

- Exposure Limits: Not Available
- Irritancy of Product: Not Available
- Sensitization to Product: Not Available
- Carcinogenicity: None
- Product is considered a nuisance dust. Silica Gel is a Synthetic Amorphous Silica which is considered a nuisance dust and no medical conditions are abnormally aggravated by this product.

Teratogenicity: None
Reproductive Toxicity: None
Mutagenicity: None
Synergistic Products: Not Available

VII - Preventative Measures

- Gloves: None Required
- Respirator: If in high dust concentration, wear a properly fitted NIOSH-approved dust respirator
- Footwear: None Required
- Clothing: None Specified
- Eyewear: None Required

Engineering Controls

Adequate ventilation should be available to maintain dust levels below applicable standards on respirable and total nuisance dust. (at recharge stations only)

Leak and Spill Procedure

Ensure clean-up is performed by trained personnel only. Shovel or sweep up dry material for recycling or disposal. Flush residue with water.

Waste Disposal

Review federal, provincial/state, and local government requirements prior to disposal. Disposal by secure landfill may be acceptable.

Handling Procedures: Avoid container damage
Storage Requirements: Cool dry areas
Special shipping information: Fire Extinguisher Class 2.2 UN # 1044

VIII - First Aid Measures

Inhalation: If breathing difficulty occurs because of dust inhalation, remove to fresh air.
Ingestion: If person is conscious, give large amounts of water.
Eye Contact: If eye irritation occurs, flush with copious amounts of water. Get medical attention if irritation persists.
Skin Contact: Wash with mild soap and water.

IX - Preparation Date of MSDS

Prepared by Department: Health and Safety
Date: 01/01/2002

“Information contained herein is provided without any warranty. Flag Fire Equipment Ltd. will not be liable for any damage which may result from the use or reliance on any information contained herein.”

Before any product is used, the label should be carefully read.

MSDS Control # 501-90MS

Updated MSDS forms may also be obtained on the internet at www.flagfire.com