

MATERIAL SAFETY DATA SHEET

According to 91/155 EC



Date of Issue: **June 2005**

Reviewed On:

1. Identification of Substance

- Product Details: *Fire Extinguishing Powder*
- Trade Name: *Centrimax ABC Powders (All Grades)*
- Manufacturer/Supplier: *FlameStop Australia Pty Ltd
1/70 Gibbes Street
CHATSWOOD NSW 2067
Tel: + 61 2 9932 2020
Fax: +61 2 9932 2022*
- Informing Department: *Product Safety Department*

2. Composition/Data on Components

CAS No. Designation

Mono Ammonium Phosphate	7722-76-1
Ammonium sulphate	7783-20-2

3. Hazard Identification:

- Hazard Designation *Non Hazardous*
- Information Pertaining to Particular Dangers for Man and Environment: *Not Known*

4. First Aid Measures

- General Information: *No special measures. Seek Medical advice for symptomatic treatment if necessary.*
- After Inhalation: *Move to fresh air. Keep warm and at rest.*
- After Skin Contact: *Wash off with water.*
- After Eye Contact: *Irrigate with water or eyewash solution.*
- After Swallowing: *Wash mouth with water and give plenty of water to drink.*

Trade Name: CENTRIMAX ABC POWDERS (ALL GRADES)

5. Fire Fighting Measures

- Suitable Extinguishing Agents: *Not applicable
Fire Extinguishing Agent*
- Protective Equipment: *No special measures required*

6. Accidental Release Measures

- Person Related Safety Precautions: *Not Required*
- Measures for Environmental Protection: *No special measures required*
- Measures for Cleaning/Collecting: *Sweep up or use vacuum cleaner*
- Additional Information: *Occupational Exposure Limit (OEL)
10mg/m³ (8 Hour TWA) Total dust*

7. Handling and Storage

Handling

- Information for Safe Handling: *Good Housekeeping Practices*
- Information about Protection against Explosions & Fires: *No special measures required*

Storage

- Requirements to be met by Storerooms and Containers: *Dry, cool, absence of vibration*
- Information about Storage in one Common storage facility: *None*
- Further Information about Storage Conditions: *Dry, cool, absence of vibration*
- Storage Class: *None required*
- Class According to regulation on Inflammable liquids: *Not applicable*

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8. Exposure Controls and Personal Protection

- Additional Information about design Of Technical Systems: *See item 7*
- Components with critical values that Require monitoring at the workplace: *Not required*

CAS No. Designation of Material % Type Value Unit

- Additional Information *The lists that were valid during compilation were used as basis.*
- Personal Protective Equip: *Dust masks recommended.*
- General Protective and Hygienic Measures: *The usual precautionary measures should be adhered to in handling chemicals*
- Breathing Equipment: *Not required*
- Protection of Hands: *Not required. Gloves may be used*
- Eye Protection: *Not required. Goggles may be used.*

9. Physical and Chemical Properties

- Form: *Powder*
 - Colour: *Yellow*
 - Smell: *Odourless*
- Value/Range Unit Method
- Change in Condition: *Decomposes at 190 ° C in flame zone.*
 - Melting Point/Melting Range: *Not Determined*
 - Boiling Point/Boiling Range: *Not Determined*
 - Flash Point: *Not Determined*
 - Inflammability (solid, gaseous): *Not Flammable*
 - Danger of Explosion: *Not Explosive*

Trade Name: CENTRIMAX ABC POWDERS (ALL GRADES)

9. Physical and Chemical Properties (continued)

- Density: *1.8g/cm³*
- Settled Apparent Density: *1000-1300kg/m³*
- Solubility in/Miscibility with Water: *Moderately soluble in water*
- pH Value: *(5%) in water at 20°C 4.5 approx.*

10. Stability and Reactivity

- Thermal Decomposition/Conditions to be Avoided: *Avoid humid conditions. Incompatible with oxidizing agents and alkaline substances*
- Dangerous Reactions: *None*
- Dangerous Products of Composition: *None*

11. Toxicological Information

- Acute Toxicity: *Mono Ammonium Phosphate – Very Low Toxicity. An approved food additive. Ammonium Sulphate – Toxicity LD50 (RAT) = 3000mg/kg.*

Primary Irritant Effect

- On the Skin: *Minor Irritant*
- On the Eye: *Minor Irritant*
- Sensitization: *None Known*
- Additional Toxicological Information: *No harmful effects known*

12. Ecological Information

- General Notes: *Non Hazardous*

