

**MATERIAL SAFETY DATA SHEET:  
DRY CHEMICAL POWDER****ABC 90% MAP Dry Chemical Powder****1. Product Name:**

ABC Dry Chemical Powder

**2. Use:**

Dry Chemical Fire Fighting Agent

**3. Identification of the companies:**

Suzhou Wuyue Synthetic Fire Sci-Tech Co. Ltd  
Mudu Town, Suzhou City, Jiangsu Province, China  
Tel: 0086-0512-663-60365 / 662-62314  
Fax: 0086-0512-662-62360  
Email: public@wyhc.szbnet.com

**4. Composition and Ingredient Information:**

Chemical Name CAS No. Content (%)  
Mono Ammonium Phosphate 7722-76-1 >90.0  
Mica 12001-26-2 < 5.0  
Methyl H Polysiloxane 63148-57-2 < 1.0

**5. Identification of the hazards for people and environment**

This product is not hazardous if used for the reason it has been developed  
Can slightly irritate the eyes.  
Can irritate the respiratory tract. To consider as dust.

**6. First Aid Measures**

Eyes There might be a slight irritation which fades soon.  
Irrigate with water or eye wash solution.  
Skin Wash off with water and soap. No serious effect.  
Inhalation If inhaled - remove to fresh air. No serious effect.  
Ingestion Wash mouth with water and give plenty of water to drink. Induce vomiting.

**7. Fire Fighting Measure**

It is an extinguishing agent. No special measures required.

**8. Accidental release measures**

People precautions: If the powder leakage is consequent, use a dust mask and gloves.  
Precautions of the environment: Do not evacuate through sewers.  
Cleaning Methods: Sweep up or use a vacuum cleaner.

**9. Handling and Storage:**

Handling precautions: Dry, cool, absence of vibration. Avoid production of dust.  
When the powder passes through plastic pipes electrostatic charge can occur.  
Storage precautions: No danger.

**10. Exposure controls and personal protection:**

Installation and precautions to advise: In case of regular use, it is recommended to install a dust aspirator system.  
Supervision check: N/A  
Type of people protection: The usual precautionary measures should be adhered to in handling chemicals.  
Gloves and goggles may be used.

**MATERIAL SAFETY DATA SHEET:  
DRY CHEMICAL POWDER****11. Physical and chemical properties:**

Form: Powder

Odour None

Dye White / Blue

Melting Point &gt; 100° C

Flame Point N/A

Solubility in water &gt; 90% after several hours

**12. Stability and reactivity:**

Conditions to avoid: Humidity

Substance to avoid: Strong caustic material

Hazardous decomposition products: Ammonia (&gt; 100° C)

In case of use of the material on fire, the odour of NH<sub>3</sub> is difficult to notice**13. Toxicological Information:**

Eye contact: Minor irritant. Possibility of transient irritation.

No chronic effect known.

No classification.

**14. Ecological Information:**

Not hazardous.

Contains no heavy metal salts.

ABC dry chemical powder contains mono-ammonium phosphate which is a soil fertiliser.

**15. Disposal Consideration:**

Recovery: By brushing and aspiration.

Neutralisation: Not necessary.

Disposal: Normally as fertiliser through an approved specialised company according to local and current authority. European disposal No. 160 509.

To avoid: See point 10

The European, National, Federal, Regional or Community rules are to be followed.

**16. Transport information:**

No prescriptions.

International transport information: N/A

**17. Complementary General Information:**

ABC dry chemical powder is a fire extinguishing agent.

There is no other purpose allowed. The manufacturer cannot be considered as responsible in case of wrong utilisation or irrelevant use.

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product featured and shall not establish a legally valid contractual relationship.



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### ABC 40% MAP Dry Chemical Powder

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#### 3. Identification of the companies:

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Email: public@wyhc.szbnet.com

#### 4. Composition and Ingredient Information:

Chemical Name CAS No. Content (%)

Mono Ammonium Phosphate 7722-76-1 42.0 ± 2.0

Ammonium Sulphate 7783.20-2 46.0 ± 2.0

Mica 12001-26-2 < 5.0

Methyl H Polysiloxane 63148-57-2 < 1.0

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Induce vomiting.

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It is an extinguishing agent. No special measures required.

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People precautions: If the powder leakage is consequent, use a dust mask and gloves.

Precautions of the environment: Do not evacuate through sewers.

Cleaning Methods: Sweep up or use a vacuum cleaner.

#### 9. Handling and Storage:

Handling precautions: Dry, cool, absence of vibration. Avoid production of dust.

When the powder passes through plastic pipes electrostatic charge can occur.

Storage precautions: No danger.

**MATERIAL SAFETY DATA SHEET:  
DRY CHEMICAL POWDER****10. Exposure controls and personal protection:**

Installation and precautions to advise: In case of regular use, it is recommended to install a dust aspirator system.

Supervision check: N/A

Type of people protection: The usual precautionary measures should be adhered to in handling chemicals.

Gloves and goggles may be used.

**11. Physical and chemical properties:**

Form: Powder

Odour None

Dye White

Melting Point > 100° C

Flame Point N/A

Solubility in water > 90% after several hours

**12. Stability and reactivity:**

Conditions to avoid: Humidity

Substance to avoid: Strong caustic material

Hazardous decomposition products: Ammonia (> 100° C)

In case of use of the material on fire, the odour of NH<sub>3</sub> is difficult to notice

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