

MATERIAL SAFETY DATA SHEET

For ABC 40

40% Monoammonium Phosphate Fire Extinguishing Powder

Section 1 IDENTITY OF SUBSTANCE / COMPANY UNDERTAKING

Product name: ABC Dry Chemical Powder

Use: Dry chemical fire fighting agent

Identification of the companies:

Suzhou Wuyue Synthetic Chemical Factory, Mudu Town, Suzhou City, Jiangsu Province, China

Tel:0086-0512-66360365 / 66262314, Fax:0086-0512-66262360, E-mail: public@wyhc.szbnet.com

Section 2 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

Section 3 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.

Section 4 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.

Section 5 FIRE FIGHTING MEASURES

This is an extinguishing agent. No special measures required. Other than protective equipment for fire fighters.

Section 6 ACCIDENTAL RELEASE MEASURES

Personnel 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.

Section 7 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.

Section 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Installation and precautions to advice: In case of regularly 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.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Odor: None

Colour: Yellow

Melting point: >100•

Combustion point: N /A

Solubility in Water: >90% after several hours

Section 10 STABILITY AND REACTIVITY

Conditions to avoid: Humidity

Substance to avoid: Strongly caustic material.

Hazardous decomposition products: Ammonia (>100•)

In case of use of the material on fire, the odour of NH₃ is difficult to notice.

Section 11 TOXOLOGICAL INFORMATION

Eye contact: Minor irritant. Possibility of transient irritation.

No chronic effect known.

No classification.

Section 12 ECOLOGICAL INFORMATION

Not hazardous.

Contains no heavy metal salts.

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

Section 13 DISPOSAL CONSIDERATIONS

Recovery: By brushing and aspiration.

Neutralisation: Not necessary.

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

To avoid: See Section 10.

The European, National, Federal, regional or community rules are to be followed.

Section 14 TRANSPORT INFORMATION

This product is not classified as dangerous under the EC directive and is not restricted by transport regulations

Section 15 REGULATORY 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.

Not a classified substance – when using do not smoke, eat or drink.

Section 16 OTHER INFORMATION

The product is to be used for fire fighting and is not sold for any other application. For training and other learning activities we would ask to avoid as much as possible of introducing too much powder to the environment. The information contained in these datasheets is based upon the current state of knowledge and experience and should be used in accordance with the safety information described above. The data given does not guarantee the properties of the product. If the product has been purchased and supplied to a third party, then it is your duty to make them aware of the information duly contained in these data sheets.