

Material Safety Data Sheet

- 1) Product Name : ABCE Dry Chemical Powder
- 2) Use : Dry Chemical fire fighting agent
- 3) 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 : yanghe48@vip.163.com
- 4) Composition and ingredient information :

Chemical name	CAS No.	%
Mono ammonium phosphate	772-76-1	60 +/- 3.0%
Ammonium sulphate	7783-20-2	30 +/- 2.0%
Mica	12001-26-2	<5%
Methyl H Polysiloxane	63148-57-2	<1%
- 5) Identification of hazards to people and environment:
 - This product is not hazardous if used for the purpose it has been developed.
 - Can slightly irritate the eyes.
 - Can irritate the respiratory tract. To be considered as dust.
- 6) First Aid Measures :
 - Eyes - There might be a slight irritation which will fade soon.
Irrigate with water or eye wash solution.
 - Skin - Wash off with soap and water. 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 Measures :
 - Is an extinguishing agent. No special measures required.
- 8) Accidental Release Measures :
 - People precautions : If the powder cloud is consistent use a dust mask and gloves.
 - Environmental precautions : Do not dispose of through sewers.
 - Cleaning methods : Sweep up or use a vacuum cleaner.
- 9) Handling and Storage :
 - Handling precautions : Dry, cool, absent of vibration. Avoid production dust.
 - When powder passes through plastic pipes electrostatic charge can occur.
 - Storage precautions : No danger.
- 10) Exposure Controls and Personal Protection :
 - Installation advice : In case of regular use it is recommended to install a dust aspirator system.
 - Supervision check : N/A
 - 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	-	Yellow
Melting point	-	>100C
Flame point	-	N/A
Solubility in water	-	>90% after several hours

12) Stability and Reactivity :

Conditions to avoid : Humidity

Substances to avoid : Strongly caustic material

Hazardous decomposition products : Ammonia (>100C)

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

13) Toxicological Information :

Eye contact : Minor irritation. Possibility of transient irritation.

No chronic effect known.

No classification.

14) Ecological Information :

Not hazardous.

Contains no heavy metal salts.

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

15) Disposal Considerations :

Recovery : By brushing or aspiration.

Neutralisation : Not necessary.

Disposal : Normally as fertiliser through and approved specialised company according to local and current authority regulations.

European disposal No. 160 502

Contaminated Packaging : N/A

To avoid : see point 10.

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

16) Transport Information :

No precautions.

International transport information: N/A

17) Complementary General Information

ABCE dry chemical powder is a fire extinguishing agent.

It shall not be used for any other purpose. The manufacturer cannot be considered as responsible in case of wrong usage.