

ABC 40 Powder (Type B) Safety Data Sheet

| 1. IDENTITY OF SUBSTANCE / COMPANY UNDERTAKING | | |
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| MATERIAL IDENTIFICATION | | |
| PRODUCT | 40% Monoammonium Phosphate Fire Extinguishing Powder | |
| SYNONYMS | ABC Dry Chemical Powder, ABC 40 Powder, ABC Powder | |
| INTENDED USE | Dry chemical fire fighting agent in UltraFire 4kg, 6kg and 9kg extinguishers | |
| COMPANY IDENTIFICATION | | |
| ADDRESS | Suzhou Wuyue Synthetic Chemical Factory, Mudu Town, Suzhou City, Jiangsu Province, China | |
| TELEPHONE / EMAIL | 0086-0512-66360365 / 66262314 - public@wyhc.szbnet.com | |
| 2. HAZARDS IDENTIFICATION | | |
| <p>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.</p> | | |
| 3. 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 |
| 4. FIRST AID MEASURES | | |
| AFTER SKIN CONTACT | Wash off with water and soap. No serious effect. | |
| AFTER EYE CONTACT | There might be a slight irritation which fades soon. Irrigate with water or eye wash solution. | |
| AFTER INHALING | If inhaled - remove to fresh air. No serious effect. | |
| AFTER SWALLOWING | Wash mouth with water and give plenty of water to drink. Induce vomiting. | |

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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|---------------------------|----------------------------------|
| PERSONNEL PRECAUTIONS | Use a dust mask and gloves |
| ENVIRONMENTAL PRECAUTIONS | Do not evacuate through sewers |
| CLEANING | Sweep up or use a vacuum cleaner |

7. HANDLING AND STORAGE

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| HANDLING | Dry, cool, absence of vibration. Avoid production of dust. When the powder passes through plastic pipes, electrostatic charge can occur. |
| STORAGE PRECAUTIONS | No danger |

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

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| PERSONAL PROTECTIVE EQUIPMENT | The usual precautionary measures should be adhered to in handling chemicals. Gloves and goggles may be used. |
| SITE EQUIPMENT | In case of regular use it is recommended to install a dust aspirator system |
| SUPERVISION CHECKS | N/A |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---------------------|--------------------------|
| PHYSICAL FORM | Powder |
| ODOUR | None |
| COLOUR | Yellow |
| MELTING POINT | >100° |
| COMBUSTION POINT | N/A |
| SOLUBILITY IN WATER | >90% after several hours |

10. STABILITY AND REACTIVITY

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|----------------------------------|---------------------------|
| CONDITIONS TO AVOID | Humidity |
| SUBSTANCES 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

11. TOXICOLOGICAL INFORMATION

| | |
|-------------|---|
| EYE CONTACT | Minor irritant. Possibility of transient irritation |
| OTHER | No chronic effect known. No classification |

12. ECOLOGICAL INFORMATION

Not hazardous.
Contains no heavy metal salts.
ABC dry chemical powder contains mono-ammonium phosphate which is a soil fertiliser.

13. DISPOSAL CONSIDERATIONS

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| RECOVERY | By brushing and aspiration |
| NEUTRALISATION | Not necessary |
| DISPOSAL | Normally as fertiliser 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

14. TRANSPORT INFORMATION

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

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.

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.

UltraFire

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