

ABC 40 Powder (Type A) Safety Data Sheet

1. IDENTITY OF SUBSTANCE / COMPANY UNDERTAKING		
MATERIAL IDENTIFICATION		
PRODUCT	ABC 40 Powder	
SYNONYMS	ABC Powder, ABC Dry Chemical Powder	
INTENDED USE	Dry chemical fire fighting agent in UltraFire 1kg and 2kg extinguishers	
COMPANY IDENTIFICATION		
ADDRESS	Ningbo Nenglin Fire-Fighting Equipment Co. Ltd, Yunlong Town, Yin Zhou, Ningbo City, Zhejiang, P.R. China	
TELEPHONE / EMAIL	0086-0574-88079701 (tel) / 88493170 (fax) - nlff@nenglin.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	40.0±3.0
Ammonium Sulphate	7783-20-2	40.0±3.0
Attapulgate Clay	8031-18-3	12.0~20.0
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

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

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

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

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

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 fertilizer.

13. DISPOSAL CONSIDERATIONS

RECOVERY	By brushing and aspiration
NEUTRALISATION	Not necessary
DISPOSAL	Normally as fertilizer through an approved specialised company according to local and current authority regulations. European disposal No. 160 502
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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