



Materials Safety Data Sheet
ABE High Performance Powder
Dated: 10th July 2007

High Performance Powder

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.

1. Identification of the Product and the Company

1.1. Identification of the Product:

Designation: FIREBOX ABE High Performance Powder.

Use: Dry chemical fire fighting agent.

1.2. Identification of the Companies:

Manufacture: Suzhou Wuyue Synthetic Chemical Factory

Address: Mudu Xikuantang, Suzhou China. 315137.

Distributor Address: FIREBOX AUSTRALIA PTY LTD

LOT 5/19 BALOOK DRIVE

BERESFIELD NSW 2322 AUSTRALIA

2. Composition and Information on the Ingredients

51-80% Monoammoniumphosphate

0-40% Ammoniumsulphate

1-5% Different Silicates and Silica

0.1-1% Silicon Oil

No dangerous composition in a higher w/w percentage than these defined in clause 6 of the article 5 of the EEC directive dd January 11, 1993.

3. Identification of the Hazards for People and Environment

This product is not hazardous according to the criteria of the National Occupational Health and Safety Commission.

- Can slightly irritate the skin in presence on humidity.
- Can slightly irritate the eyes.
- Can slightly irritate the respiratory tract to consider as dust.

4. First Aid Measures

Eyes: There might be a slight irritation which fades soon. Irrigate with water or eyewash solution.

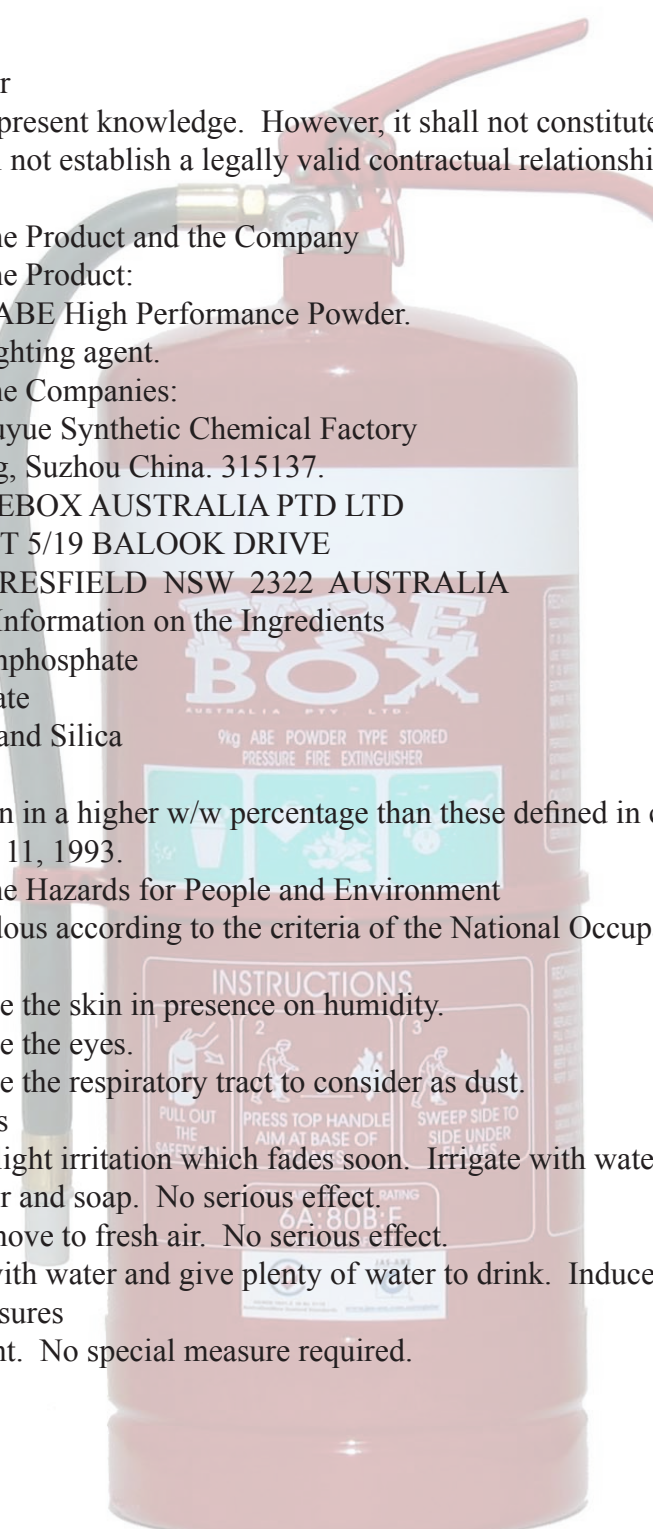
Skin: Wash off with water and soap. No serious effect.

Inhalation: If inhaled-remove to fresh air. No serious effect.

Ingestion: Wash mouth with water and give plenty of water to drink. Induce vomiting.

5. Fire Fighting Measures

It is an extinguishing agent. No special measure required.



6. Accidental Release Measures

People Precautions: Use a dust mask and gloves.

Precautions of the Environment: Do not evacuate through sewers.

Cleaning Methods: Sweep up or use a vacuum cleaner.

7. Handling and Storage

7.1. Handling Precautions: Dry, cool, absence of vibration. Avoid production of dust. When the powder passes through plastic pipes electrostatic charge can occur.

7.2. Storage Precautions: No danger.

8. Exposure Controls and Personal Protection

Installations and Precautions to Advice: In case of regular it is recommended to install a dust aspirator system.

Type of People Protection: The usual precautionary measures should be adhered to in handling Chemicals. Gloves and goggles may be used.

9. Physical and Chemical Properties

Form: Powder

Odour: None

Dye: Blue

Melting: $>100^{\circ}\text{C}$

Flame Point: N/A

Solubility in Water: $>90\%$ after several hours

PH50% SOL: 5

10. Stability and Reactivity

Conditions to Avoid: Humidity

Substances to Avoid: Strongly caustic material

Hazardous Decomposition Products: Ammonia ($>100^{\circ}\text{C}$)

In case of use the material on fire, the odour of NH_3 is difficult to notice.

11. Toxicological Information

Eye Contact: Minor irritant. Possibility of transient irritation. No chronic effect known. No classification.

Skin Contact: Minor Irritant. Possibility of transient irritation. No chronic effect known.

Inhalation: To consider as dust. Irritation of the respiratory tract. No chronic effect known. No classification.

Ingestion: Irritation of the stomach. No chronic effect known. No classification.

12. Ecological Information

Not hazardous.

Contains no heavy metal salts.

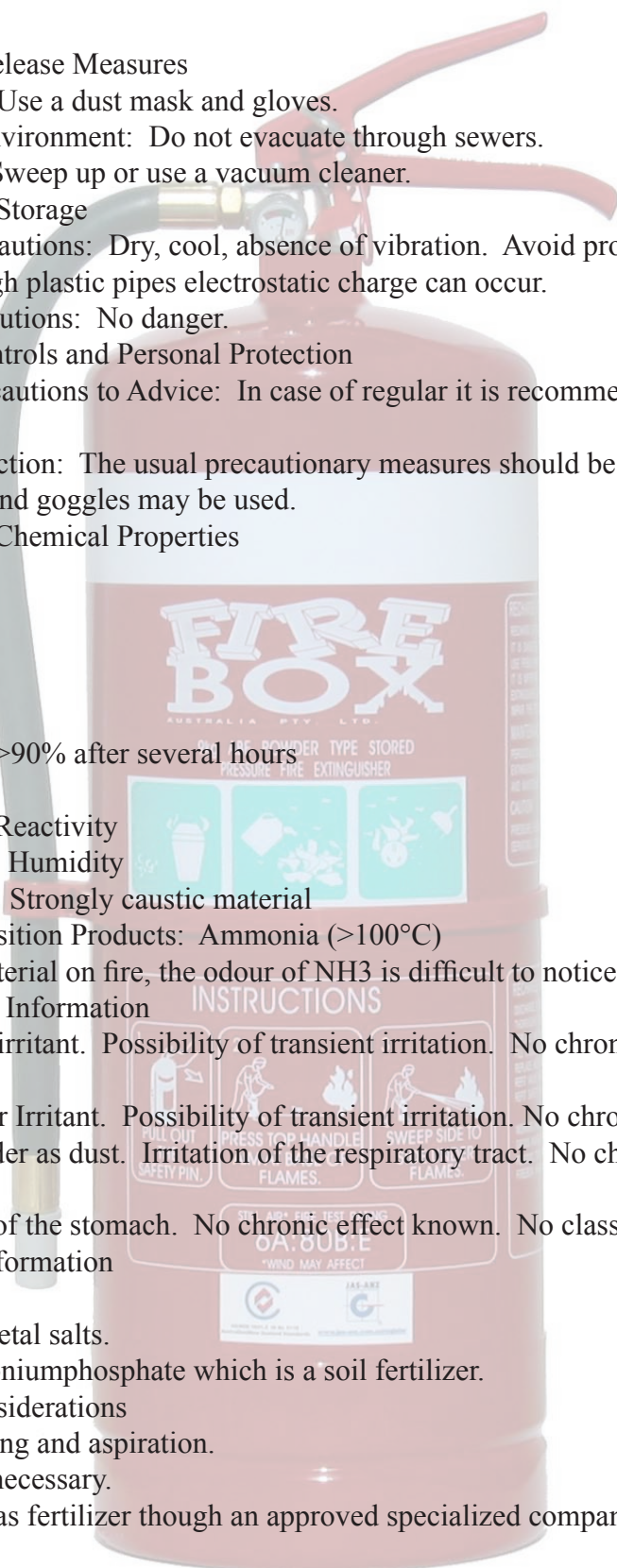
Contains monoammoniumphosphate which is a soil fertilizer.

13. Disposal Considerations

Recovery: By brushing and aspiration.

Neutralisation: Not necessary.

Disposal: Normally as fertilizer though an approved specialized company.



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