

Powder Fire Extinguishers Technical Data Sheet

The following information provides technical and general information about powder filled fire extinguishers

High Performance Powder	Dry Chemical Fire Fighting Agent
Physical and Chemical Properties	
Form	Powder
Odour	None
Dye	Blue
Melting	>100°C
Flame Point	N/A
Solubility in Water	>90% after several hours
PH50% SOL	5
Stability and Reactivity	
Conditions to Avoid	Humidity
Substances to Avoid	Strongly caustic material
Hazardous Decomposition Products	Ammonia (>100°C) In case of use the material on fire, the odour of NH3 is difficult to notice
Composition	
	51-80% Monoammoniumphosphate 0-40% Ammoniumsulphate 1-5% Different Silicates and Silica 0.1-1% Silicon Oil
Identification of the Hazards for People and Environment	
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	
	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
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 Wash mouth with water and give plenty of water to drink. Induce vomiting
Fire Fighting Measures	
Accidental Release Measures	It is an extinguishing agent. No special measure required
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
Handling and Storage	
Storage Precautions	Dry, cool, absence of vibration. Avoid production of dust. When the powder passes through plastic pipes electrostatic charge can occur. No danger
Exposure Controls and Personal Protection	
Installations and Precautions to Advice	In case of regular it is recommended to install a dust aspira- tor system
Type of People Protection	The usual precautionary measures should be adhered to in handling Chemicals. Gloves and goggles may be used
Toxicological Information	
Eye Contact	Minor irritant. Possibility of transient irritation. No chronic effect known. No clas- sification

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
Ecological Information	<p>Not hazardous</p> <p>Contains no heavy metal salts</p> <p>Contains monoammoniumphosphate which is a soil fertilizer</p>
Disposal Considerations	
Recovery	By brushing and aspiration
Neutralisation	Not necessary
Disposal	Normally as fertilizer though an approved specialized company
Information and data provided by Fire Box Australia Pty Ltd	