

**MATERIAL SAFETY DATA SHEET**  
**ABC Fire Extinguisher**

**SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS**

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name /Label Name:</b>	<b>ABC Fire Extinguisher</b>
<b>CAS Number:</b>	N/A
<b>Chemical Name / Family</b>	N/A It is a mixture
<b>Synonyms:</b>	ABC Fire extinguishing powder Multipurpose Fire extinguishing agent
<b>Manufacturers Name</b>	Jewel Saffire Products Ltd
<b>Address:</b>	P.O box 17014, Jebel Ali FZ. Dubai, U.A.E
<b>Business phone / Fax:</b>	00971 4 8815653 / 00971 4 8816229
<b>Date of Preparation:</b>	August 2009

CHEMICAL NAME	CAS N°	% W/W	OSHA PEL Mg/m <sup>3</sup>	ACGIH TLV Mg/m <sup>3</sup>	TOXICITY DATA
Mono ammonium phosphate	7722-76-1	20-40	None	None	None
Ammonium sulfate	7783-20-2	55-75	None	None	None

**SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>Boiling point, °C:</b>	N/A	<b>Density</b>	Loose density 1.8g/m <sup>3</sup>	<b>Viscosity @ 20° C</b>	N/A
<b>Vapor pressure, mm Hg</b>	N/A	<b>Percent volatile by volume</b>	N/A	<b>Melting point, °C</b>	NDA
<b>Vapor density (Air =1)</b>	N/A	<b>Evaporation rate (Butylacetrates=1)</b>	N/A	<b>Solubility in water</b>	Soluble in water but silicon additives delays dissolution
<b>Reactivity in water :</b> Unreactive		<b>Appearance and odor :</b> Pale colored fine powder (Variable color) Odorless			

**SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**

<b>Flash point :</b>	N/A	<b>Flammable limits in air, % by volume</b>	N/A	<b>Auto-ignition temperature</b>	N/A
<b>Extinguishing media:</b>	N/A – The product is a fire extinguishing agent				
<b>Unusual fire and explosion hazards:</b>	None				
<b>Special fire fighting procedure</b>	The material is a fire extinguishing agent and will not burn, However, if other materials are involved, use standard chemical fire fighting procedures and consider the hazards of those materials, In enclosed areas, fire fighters must wear self contained breathing apparatus and full protective equipment.				

## SECTION 5 – REACTIVITY DATA

<b>Stability :</b>	Stable	<b>Conditions to avoid:</b>	Extreme heat	<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibility (material to avoid)</b>	Strong alkalis. Do not mix with BC type dry chemical extinguishing agents.				
<b>Hazardous decomposition products:</b>	Ammonia, phosphorus oxides.				

## SECTION 6 – HEALTH HAZARD DATA

<b>Threshold limit value:</b>	ACGIH TLV for particulars not otherwise classified : 10 mg/m <sup>3</sup> OSHA PEL for nuisance dust limit total : 15 mg/m <sup>3</sup>
<b>Routes of entry:</b>	Inhalation: Yes; may be irritant to the respiratory tract. Eye contact: Yes; mildly irritant for a short period. Skin contact: Yes; may be mildly irritating. Ingestion; NOT an expected route of entry.
<b>Signs and symptoms of overexposure:</b>	Acute: Transient cough, shortness of breath, irritation of airways. Chronic: This product is not known to cause chronic illness.
<b>Medical conditions generally aggravated by exposure:</b>	Asthma, emphysema, bronchitis or other respiratory illness.
<b>Chemical listed as carcinogen or potential:</b>	NTP program : No      IARC monographs : No      OSHA : No
<b>Emergency and first aid procedures:</b>	Eye contact: Flush with large amounts of fresh water for at least 10 minutes. If irritation persists, seek medical attention. Skin contact: Wash with soap and water. If irritation persists, seek medical attention. Inhalation: Move victim to fresh air, seek medical attention if discomfort continues. Ingestion: Rinse mouth, drink large amounts of water and induce vomiting, seek medical help.

## SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/ LEAK PROCEDURES

<b>Precaution to be taken in handling and storage.</b>	Should be stored in original containers, store in dry, cool, well – ventilated place away from alkaline compounds. Wash after handling. Do not cut, grind, weld or drill on or near product containers. Treat empty containers as if they were full.
<b>Other precautions:</b>	Do not mix with alkaline materials.
<b>Steps to be taken in case materials is released or spilled:</b>	Sweep up or vacuum, Store in covered containers. Do not reuse, In case of large spills, use rubber gloves, chemically resistant suit and boots, hard hat air purifying respirator.
<b>Waste disposal method:</b>	Dispose of in compliance with local, state and federal regulation. Components are non Hazardous; sanitary landfill disposal may be acceptable.

## SECTION 8 – SPECIAL PROTECTION INFORMATION

<b>Respiratory protection:</b>	Dust mask where dustiness is prevalent or TLV exceeded, Mechanical filter respirator is exposure is prolonged.
<b>Ventilation:</b>	Use adequate ventilation, Use fan or vent to outside.
<b>Protective gloves:</b>	Wear rubber gloves for routine industrial use.
<b>Eye protection:</b>	Recommended as mechanical barrier for prolonged exposure, Safety glasses or chemical type goggles,
<b>Other protective equipment:</b>	If irritation occurs, long sleeves and impervious gloves should be worn.
<b>Work/Hygienic practices:</b>	Use good personal hygiene and good housekeeping practices. Avoid breathing of dust wash with soap and water.

**SECTION 9 – REGULATORY INFORMATION**

**HAZARDOUS METERIAL IDENTIFICATION SYSTEM RATINGS**

HEALTH : 1

FLAMMABILITY : 0

REACTIVITY : 0

HAZARD INDEX : 0 Minimal hazard; 1 Slight hazard; 2 Moderate hazard; 3 Serious hazard; 4 Severe hazard

**SHIPPING INFORMATION**

DOT Shipping Name : Fire Extinguishers

DOT Hazards Class : 2.2

DOT ID Number: UN 1044

DOT Label: Non-Flammable gas

**GENERAL KEYS:**

N/A: Not applicable

NDA: No data available.

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