



Company:	M P S M & Bull Partnership - HR2 6JF
Substance(s) being Assessed:	Powder Extinguisher (CF ABC Powder)
Where is substance used?:	Warehouse/Vehicles/Customer Sites
COSHH Reference Number:	Dry Powder
Safety Data Sheet Ref. No.:	HS%20Info%20Sheet%20Dry%20Powder
Emergency Contact Number:	01432 371170
Date of Assessment:	07/11/2011

Powder Extinguisher (CF ABC Powder)

What is the substance used for?

Fire fighting equipment to be used Class A, B and C fires only.

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

IDENTIFICATION: ABC Powder

COMPANY NAME: Bull Products

PRODUCT APPLICATION: Fire Extinguishing Agent

COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Ingredients	EINECS Number
7783 – 20 - 2	Ammonium Sulphate	231 – 984 - 1
7722 – 76 - 1	Mono Ammonium Phosphate.	231 – 764 - 5

Substance Hazards:



IDENTIFICATION OF HAZARDS

No known hazards resulting in acute health effects.

PHYSICAL & CHEMICAL PROPERTIES

i. Appearance: Fine white/ pale yellow powder. ii. Odour: None. iii. Solubility: Soluble. Silicon additive delays dissolution.

iv. pH: 4.5 of 5% solution in water. v. Density: Settled: 1000 - 1300 kg/m³ ; loose: 1.8 gm/m³. vi. Decomposition: In flame zone at 190°C. vii. Flammability: Non-flammable.

STABILITY & REACTIVITY

Damp powder becomes hard and is not suitable for fire fighting purposes. Will react with alkalis and give off ammonia.

Workplace Exposure Limit:

See Exposure Controls

Routes of Exposure:



EXPOSURE CONTROLS

Exposure Standards (UK). OES: 10mg/m³ total dust : 5mg/m³ resp. dust. Time weighted averages : 8 hours.

TOXICOLOGICAL PROPERTIES

Mono Ammonium Phosphate : 3000mg/kg

Ammonium Sulphate: 3000mg/kg

Exposure Hazards: i. Skin Contact: Mildly irritant only. ii. Eye Contact: Dust can cause irritation and discomfort. iii. Inhalation: Lung function impairment.

ECOLOGICAL INFORMATION

The product could lower the pH in a watercourse and in the event of a large discharge the relevant local authority would need to be informed. Phosphates and ammonium salts act as plant fertilizers.

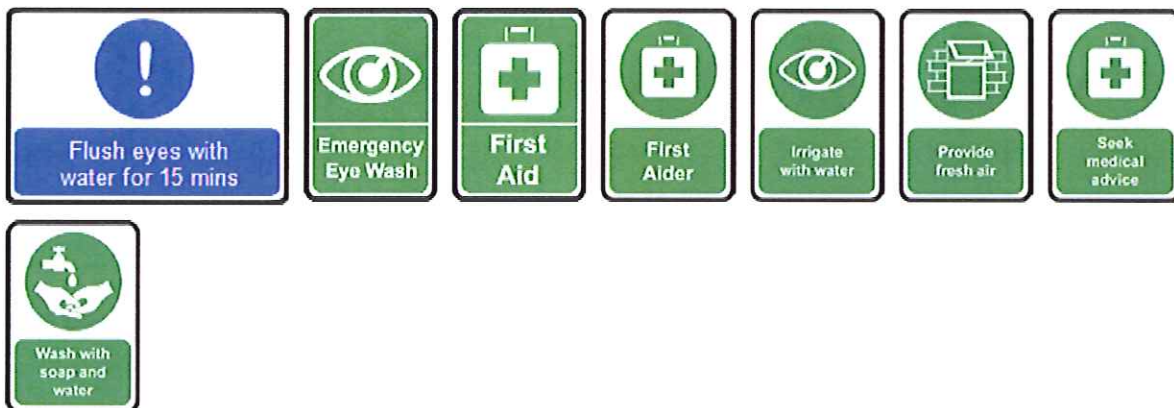
Who might be harmed?

All Staff

Control Measures:



First aid and Fire:



FIRST AID MEASURES

- i. Contact with Skin - Wash off the skin using plenty of water.
- ii. Contact with Eyes - Hold eyelids apart and irrigate for a minimum of 10 minutes.
- iii. Inhalation - Remove affected person to fresh air and rest.
- iv. Ingestion - Rinse all the powder from the mouth with water and give affected person plenty of water to drink. Seek medical advice.

FIRE FIGHTING MEASURES

This product is a fire extinguishing medium so no special precautions are required.

Storage, Disposal & Spillage:



ACCIDENTAL RELEASE ACTIONS

Use a vacuum cleaner to reduce dust formation and remove to sealed bags or containers for disposal in accordance with local Controlled Waste Regulations.

STORAGE & HANDLING

Storage: Keep the product in a cool dry place away from vibration to minimise compaction of the product.

Handling: Use local mechanical exhaust ventilation and suitable containment methods. Keep personnel exposure to a minimum.

DISPOSAL CONSIDERATIONS

Do not dispose with alkalis. Waste to be disposed of in accordance with local Controlled Waste Regulations.

NOTE: As a service to our customers, BULL PRODUCTS has recycling facilities in place for the disposal of all extinguishers. If required please contact us on 01432 371170 to request that arrangements be made.

TRANSPORT INFORMATION

Not classified as hazardous.

REGULATORY INFORMATION

Refer to local Manual Handling regulations for the movement of the larger pack sizes. This product is not classified as a hazardous chemical under the Chemicals regulations 1994 (Packaging). The user is required to undertake an individual workplace risk assessment.

Personal Protective Equipment:



Personal Protection

i. Eye Protection: Wear suitable dust proof goggles. ii. Respiratory Protection: Use suitable dust mask or respirator. Keep exposure below OES. iii. Skin / General Protection: Wear overalls and gloves suited to the task.

The calculated risk factor for this task/operation is **3** (Probability: 1 x Severity: 3)

This is classed as a **LOW** risk

Additional Measures:

None Required

Operating Procedures:

REGULATORY INFORMATION

Refer to local Manual Handling regulations for the movement of the larger pack sizes. This product is not classified as a hazardous chemical under the Chemicals regulations 1994 (Packaging). The user is required to undertake an individual workplace risk assessment.

OTHER INFORMATION

This product should not be used for purposes other than fire-fighting without obtaining written authorisation from the supplier named in paragraph 1. It is the users responsibility to maintain compliance with all relevant, current legislation when using, transporting, storing, and handling this product. HSE publications EH40 and EH44 apply.

Review Date: 07/11/2012

Name of Assessor: Ann-Marie Bishop

Position: HR and Quality Manager

Signature/s: 

Date: 11/11/2011