

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION

Product Name : ABC FAVORIT 111  
Use : Fire Extinguishing Powder for fire classes A, B & C  
Supplier : Britannia Fire Limited

Ashwellthorpe Industrial Estate  
Ashwellthorpe  
NR16 1ER  
United Kingdom

Telephone : +44 (0) 1508 488416  
E mail : sales@britannia-fire.co.uk

## 2. HAZARDS IDENTIFICATION

In case of long lasting contact with fire extinguishing powders the skin may become dry.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:

Fire extinguishing powder based on ammonium salts and mineral additives.

Hazardous components:

Does not contain dangerous materials as defined by ordinance on hazardous materials.

Main Components	CAS-Nr.:	EINECS-Nr.:
Mono ammonium phosphate	7722-76-1	231-764-5
Ammonium sulphate	7783-20-2	231-984-1

## 4. FIRST AID MEASURES

In case of eye contact: Rinse eyes immediately with water for at least 15 minutes. In case of persistent irritation consult eye specialist.

## 5. FIRE FIGHTING MEASURES

The product itself is not flammable. Adapt extinguishing measures to material stored in the immediate neighbourhood.

## 6. ACCIDENTAL RELEASE MEASURES

Measures for cleaning/collecting: Small quantities can be removed by vacuum cleaners. Larger quantities shall be swept together. Disposal in accordance with local regulations.

## 7. HANDLING AND STORAGE

Product shall be stored under dry conditions in original packages.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with critical values that require monitoring at the workplace : none

General protective and hygienic measures : Keep away from foodstuff and beverage. Avoid contact with skin and eyes.

Personal protective equipment :

Respiratory protection : In case of high and long-lasting dust contamination use a dust mask.

Hand protection : If required use gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

		Evaluation method:
Form:	Solid, similar to dust	
Colour:	White, blue or yellow	
pH-value:	4 – 4,5 (Suspension 10% in Water)	DIN ISO 787/9
Melting Range:	> 200 °C	
Density:	Approx. 1,8 g/mL at 20°C	

## 10. STABILITY AND REACTIVITY

Avoiding conditions:

Avoid contact with strong alkali and mixing with BC fire extinguishing powders.

## 11. TOXICOLOGICAL INFORMATION

LD-50 Rat (oral) > 2000 mg/kg

## 12. ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

Fertilizing effect possible.

Water pollution class: 1 (slightly polluting substance)

## 13. DISPOSAL CONSIDERATIONS

Product: Residues of ABC fire extinguishing powders have to be supplied to a recycling company.

Packaging: Recommendation: Evacuate completely before returning to a recycling company.

## **14. TRANSPORT INFORMATION**

General information: Not classified as dangerous in the meaning of transport regulations.

Not regulated

When transported in a stored pressure or cartridge type fire extinguisher, the fire extinguisher is considered a class 2.2 hazard. The proper shipping name shall be FIRE EXTINGUISHER and the number is UN 1044.

### **14.1 UN Number**

UN 1044

### **14.2 UN proper shipping name**

Fire extinguisher

### **14.3 Transport hazard class(es)**

2.2

### **14.4 Packaging group**

Not applicable

## **15. REGULATORY INFORMATION**

Chemical safety assessment:

A chemical safety assessment for components in this preparation is not made

Labelling according to EG guidelines: None

The product is not classified as dangerous according to EC Directives

Hazardous components for labelling: None

National regulations (GERMANY):

Wassergefährdungsklasse (water hazard class): 1 (slightly polluting substance)

## **16. OTHER INFORMATION**

Authorisations and restrictions on use:

Product described in this safety data sheet may only be used for fire extinguishing purposes

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The data are based on our current knowledge. However, they shall not constitute a guarantee for any specific product properties. Existing laws and regulations have to be observed by consignee is his own responsibility.

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