

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

895273 Dry Powder Fire Extinguisher

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/mixture**

Dry extinguishing powder.

### **1.3. Details of the supplier of the safety data sheet**

Company name:	Quest Consumables Ltd
Street:	Stock House, Seymour Road
Place:	Nuneaton, Warwickshire, CV11 4LB
Telephone:	+44 (0)2476322126
e-mail:	sales@questconsumables.com
Internet:	www.questconsumables.com
Telefax:	+44 (0)2476322117

## **SECTION 2: Hazards identification**

### **2.2. Label elements**

Regulation (EC) No. 1272/2008

#### **Additional advice on labelling**

not applicable

### **2.3. Other hazards**

No hazards resulting from the material as supplied.

## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

#### **Chemical characterization**

Mixture of inorganic salts., silonized with silicon oil

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Dry extinguishing powder.

#### **After inhalation**

Provide fresh air.

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).  
In case of allergic symptoms especially in the breathing area, seek medical advice immediately.

#### **After contact with skin**

Take off immediately all contaminated clothing.

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, seek medical treatment.

#### **After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

#### **After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain

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immediate medical attention. Do not induce vomiting.

#### **4.2. Most important symptoms and effects, both acute and delayed**

Irritation and etching

#### **4.3. Indication of any immediate medical attention and special treatment needed**

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Product itself is fire extinguishing agent

#### **5.2. Special hazards arising from the substance or mixture**

At high temperature : concentrate gives toxic products. Thermal decomposition of usage concentrations does not present a hazard.

#### **5.3. Advice for firefighters**

none/none

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

At high temperature : concentrate gives toxic products. Thermal decomposition of usage concentrations does not present a hazard.

"In the case of dust or aerosol formation use respirator with filter model P2/FFP2 (according to DIN 3181, 1980)."

#### **6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Treat the assimilated material according to the section on waste disposal.

#### **6.3. Methods and material for containment and cleaning up**

Use approved industrial vacuum cleaner for removal.

#### **6.4. Reference to other sections**

none/none

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Keep container tightly closed in a cool, well-ventilated place.

##### **Advice on protection against fire and explosion**

No special handling instructions are necessary.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed.

Store at temperatures not exceeding 60 °C/140 °F. Keep cool.

##### **Further information on storage conditions**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

#### **7.3. Specific end use(s)**

not applicable

### **SECTION 8: Exposure controls/personal protection**

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## 8.1. Control parameters

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1332-58-7	Kaolin respirable dust	-	2		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

## 8.2. Exposure controls

### Appropriate engineering controls

"If exhaust ventilation is not adequate, use appropriate respiratory protection. Provide ventilation adequate to control vapour concentrations below recommended exposure limits and/or control spray or mist."

### Protective and hygiene measures

Avoid generation of dust.

### Eye/face protection

Dust protection goggles.

### Hand protection

Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: Butyl rubber.

### Skin protection

Avoid skin contact.

### Respiratory protection

"In the case of dust or aerosol formation use respirator with filter model P2 / FFP2 (according to DIN 3181, 1980)."

### Environmental exposure controls

Do not empty into drains or the aquatic environment.  
Observe regulations concerning local drainage.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: solid Dry extinguishing powder.  
Colour: light blue

#### Test method

pH-Value (at 20 °C): 4.1 - 4.6 (10% Soln.)

#### Changes in the physical state

Melting point: >200 °C

Initial boiling point and boiling range: 197 °C

Flash point: not applicable

Sustaining combustion: Not sustaining combustion

#### Flammability

Solid: not applicable

Gas: not applicable

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: not applicable

#### Auto-ignition temperature

Solid: not applicable

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Gas:	not applicable
Decomposition temperature:	not applicable
<b>Oxidizing properties</b>	
not applicable	
Vapour pressure:	not applicable
Vapour pressure:	not applicable
Density (at 20 °C):	0.83 - 1.00 g/cm <sup>3</sup>
Water solubility:	insoluble

## **9.2. Other information**

Solid content:	99.51 %
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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

none/none

### **10.2. Chemical stability**

Product is stable in the test system throughout the duration of the test.

### **10.3. Possibility of hazardous reactions**

none/none

### **10.4. Conditions to avoid**

none/none

### **10.5. Incompatible materials**

Strong acid & alkaline

### **10.6. Hazardous decomposition products**

Ammonia. , Carbon dioxide (CO<sub>2</sub>).

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

product has not been tested.

### **12.2. Persistence and degradability**

product has not been tested.

### **12.3. Bioaccumulative potential**

product has not been tested.

### **12.4. Mobility in soil**

product has not been tested.

### **12.5. Results of PBT and vPvB assessment**

product has not been tested.

### **12.6. Other adverse effects**

product has not been tested.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

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## Advice on disposal

Material recycling possible.

"Avoid discharge to a wastewater treatment system. Reduce discharge rate if foaming occurs. Larger quantities may adversely affect biological wastewater treatment systems. Incinerate large quantities in an industrial or commercial incinerator. Since regulations vary, consult applicable regulations or authorities before disposal."

## Waste disposal number of waste from residues/unused products

080201 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); waste coating powders

## Waste disposal number of used product

080201 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); waste coating powders

## Contaminated packaging

Cleaned containers may be recycled.

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

Packing which cannot be properly cleaned must be thrown away.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

**14.4. Packing group:** not applicable

### Other applicable information (land transport)

Not classified for this carrier.

### Inland waterways transport (ADN)

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

**14.4. Packing group:** not applicable

### Other applicable information (inland waterways transport)

Not classified for this carrier.

### Marine transport (IMDG)

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

### Other applicable information (marine transport)

Not classified for this carrier.

### Air transport (ICAO)

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

### Other applicable information (air transport)

Not classified for this carrier.

Danger releasing substance: none/none

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## **14.6. Special precautions for user**

none/none

## **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment has been carried out.

## **SECTION 16: Other information**

### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*