



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Print date: 05.09.2015

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

1.1. Product identifier

C25530 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:	Force Products Ltd
Street:	Stock House, Seymour Road
Place:	Nuneaton, Warwickshire, CV11 4LB
Telephone:	+44 (0)2476322130
e-mail:	sales@forceproducts.co.uk
Telefax:	+44 (0)2476322151

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 ³	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

Oxidizing properties

not applicable

Vapour pressure: not applicable

Vapour pressure: not applicable

Density (at 20 °C): 0.83 - 1.00 g/cm³

Water solubility: insoluble

9.2. Other information

Solid content: 99.51 %

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 (CO₂).

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.)