

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**ABC 40 P1124**

Revision date: 17.01.2019

Product code: 2.500.8.403

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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**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:	Orchidee Europe BVBA	
Street:	Brielen 2	
Place:	B 2830, Tisselt, Belgium	
Telephone:	+32 (0) 3 291 05 42	Telefax: +32 (0) 14 58 33 11
e-mail:	admin.sales@orchidee-europe.com	
e-mail (Contact person):	admin.sales@orchidee-europe.com	
Internet:	WWW.ORCHIDEE-EUROPE.COM	
Responsible Department:	Office Open Hours: 08:00-17:00	

**1.4. Emergency telephone number:**

+32 (0) 3 291 05 42

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

**2.2. Label elements****SECTION 3: Composition/information on ingredients****3.2. Mixtures****Further Information**

Contains:

- Monoammonium Phosphate 7722-76-1 >40%
- Ammonium Sulphate 7783-20-2 >40%
- Hydrophilic precipitated Silica 7631-86-9 1-3%
- Mica 12001-26-2 ; 310-127-6 1-3%
- Silicone oil 63148-57-2 <1%

**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 inhaling spray mist, consult a physician.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**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, consult a physician.

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**After contact with eyes**

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

**After ingestion**

Let water be drunken in little sips (dilution effect).

**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 unwellness, seek medical advice immediately (show directions for use or 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

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. In case of dangerous gases, vapours or dusts self-contained breathing apparatus or suitable masks and filters need to be advised.

**6.2. Environmental precautions**

Do not empty into drains.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Use approved industrial vacuum cleaner for removal.

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

Treat the recovered material as prescribed in the section on waste disposal.

**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.

**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.

Store in a dry place.

**Further information on storage conditions**

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

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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**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

**8.2. Exposure controls****Appropriate engineering controls**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Protective and hygiene measures**

Avoid generation of dust.

**Eye/face protection**

"Avoid eye contact with vapour, spray, or mist. Wear vented 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, dispose of this material and its container at hazardous or special waste collection point.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

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

**Changes in the physical state**

Sustaining combustion: Not sustaining combustion  
 Density (at 20 °C): 0.83 - 1.00 g/cm<sup>3</sup>

**9.2. Other information**

Solid content: 99.51 %

**SECTION 10: Stability and reactivity****10.1. Reactivity**

none

**10.2. Chemical stability**

The substance is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

none

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

none

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**10.6. Hazardous decomposition products**

none

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information****12.1. Toxicity**

There are no data available on the mixture itself.

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**12.4. Mobility in soil**

There are no data available on the mixture itself.

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

There are no data available on the mixture itself.

**12.6. Other adverse effects**

There are no data available on the mixture itself.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****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**

160304 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; inorganic wastes other than those mentioned in 16 03 03

**Contaminated packaging**

Non-contaminated packages may be recycled.

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

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**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

Not classified for this transport way.

**Inland waterways transport (ADN)****Other applicable information (inland waterways transport)**

Not classified for this transport way.

**Marine transport (IMDG)****Other applicable information (marine transport)**

Not classified for this transport way.

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

Not classified for this transport way.

**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):

**15.2. Chemical safety assessment**

For this mixture 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.)*