

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**ABC 40 / P1124**

Print date: 06/10/10

Product code: 1.300.8.403

Page 1 of 6

**1. Identification of the substance/preparation and of the company/undertaking**

Product group: dry chemical

**Identification of the substance or preparation**

ABC 40 / P1124

**Use of the substance/preparation**fire extinguishing agent;  
dry chemical**Company/undertaking identification**

Company name:	ORCHIDEE S.A.S	
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**2. Hazards identification****Classification**This preparation is not classified as dangerous according to Directive 1999/45/EC.  
None known.**Explication of special hazards for human health and environment**

No hazards resulting from the material as supplied.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )**

Mixture of inorganic salts., silonized with silicon oil

**Further Information**dry powder  
Keep container tightly closed in a dry and well-ventilated place.**4. First aid measures****General information**

dry chemical

**After inhalation**

Move to fresh air.; In case of feeling unwell: Call a physician immediately.

**After contact with skin**

In case of skin contact Wash off with soap and water.

**After contact with eyes**In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If eye irritation persists, consult a specialist.**After ingestion**

If swallowed Give small amounts of water to drink.

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**ABC 40 / P1124**

Print date: 06/10/10

Product code: 1.300.8.403

Page 2 of 6

**5. Fire-fighting measures****Suitable extinguishing media**

not applicable

**Extinguishing media which must not be used for safety reasons**

not applicable

**Special protective equipment for fire-fighters**

Not required

**Additional information**

The product itself does not burn.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Do not flush into surface water or sanitary sewer system.

**6. Accidental release measures****Personal precautions**

Avoid dust formation.

In the case of dust or aerosol formation use respirator with filter model P1/FFP1 (according to DIN 3181, 1980).

**Environmental precautions**

Do not allow material to contaminate ground water system. Prevent product from entering drains.

**Methods for cleaning up/taking up**

Sweep up or vacuum up spillage and collect in suitable container for disposal.

**7. Handling and storage****Handling****Advice on safe handling**

Not required

**Advice on protection against fire and explosion**

Not required

**Further information on handling**

Not required

**Storage****Requirements for storage rooms and vessels**

Keep in a dry place. Keep at temperatures below 60°C.

**Advice on storage compatibility**

Not required

**Further information on storage conditions**

Store in original container. Keep tightly closed.

**8. Exposure controls/personal protection****Exposure limit values****Additional advice on limit values**

Not required

**Exposure controls**

# Safety Data Sheet

according to Regulation (EU) No. 1907/2006

## ABC 40 / P1124

Print date: 06/10/10

Product code: 1.300.8.403

Page 3 of 6



### Occupational exposure controls

In case of insufficient ventilation wear suitable respiratory equipment. Ensure adequate ventilation, especially in confined areas. Ventilation hoods and fans required when working with organic solvents or in hot melt applications.

### Protective and hygiene measures

Avoid dust formation in confined areas.

### Respiratory protection

In the case of dust or aerosol formation use respirator with filter model P1 / FFP1 (according to DIN 3181, 1980). Dust safety masks are recommended when the dust concentration is more than 10 mg/m<sup>3</sup>.

### Hand protection

Wear suitable protective equipment. Wear suitable gloves and eye/face protection.

### Eye protection

Not required

### Skin protection

Not required

### Environmental exposure controls

Do not flush into surface water. Do not let product enter drains.

## 9. Physical and chemical properties

### General information

Physical state:	solid, powder
Colour:	light blue
Odour:	none

### Important health, safety and environmental information

	Test method
pH-Value (at 20 °C):	4,1-4,6(10% Soln.)

### Changes in the physical state

Melting point:	>200 °C
Flash point:	none

### Explosive properties

not applicable

### Oxidizing properties

The product is not flammable.; fire extinguishing agent

Density (at 20 °C):	0.83 - 1.00 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	none

### Other information

Bulk Density 830 - 980 Kg/m<sup>3</sup>

## 10. Stability and reactivity

### Conditions to avoid

None.

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**ABC 40 / P1124**

Print date: 06/10/10

Product code: 1.300.8.403

Page 4 of 6

**Materials to avoid**

strong acids and strong bases

**Hazardous decomposition products**ammonia, carbon dioxide (CO<sub>2</sub>)**11. Toxicological information****Acute toxicity**

None known.

**Specific effects in experiment on an animal**

None known.

**Corrosive and irritant effects**

None known.

**Sensitising effects**

May cause eye/skin irritation.

**Severe effects after repeated or prolonged exposure**

None known.

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

None known.

**Empirical data on effects on humans**

None known.

None known.

**12. Ecological information****Ecotoxicity**

This product has no known eco-toxicological effects.

**Mobility**

Water solubility : Not Soluble

**Persistence and degradability**

Readily biodegradable, according to appropriate OECD test.

**Bioaccumulative potential**

Does not bioaccumulate.

**Other adverse effects**

slightly water endangering

**Further information**

Information given is based on data on the components and the ecotoxicology of similar products.

**13. Disposal considerations****Advice on disposal**

Waste from residues: In accordance with local and national regulations.

Where possible recycling is preferred to disposal or incineration. Contact the proper local authorities.

**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**

**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**ABC 40 / P1124**

Print date: 06/10/10

Product code: 1.300.8.403

Page 5 of 6

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**Contaminated packaging**

Clean container with water. Can be disposed as waste water, when in compliance with local regulations.

**14. Transport information****Land transport (ADR/RID)**

ADR/RID class: None known.

**Description of the goods**

fire extinguishing agent

**Other applicable information (land transport)**

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

**Inland waterways transport****Description of the goods**

fire extinguishing agent

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

Not classified as dangerous in the meaning of sea and air transport regulations.

**Marine transport****Description of the goods**

fire extinguishing agent

**Other applicable information (marine transport)**

Not classified as dangerous in the meaning of sea and air transport regulations.

**Air transport****Description of the goods**

fire extinguishing agent

**Other applicable information (air transport)**

Not classified as dangerous in the meaning of sea and air transport regulations.

**15. Regulatory information****Labelling****Additional advice on labelling**

Not required

**National regulatory information**

Water contaminating class (D): - - not water contaminating

**16. Other information****Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release

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**Safety Data Sheet**

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Print date: 06/10/10

Product code: 1.300.8.403

Page 6 of 6

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**Changes**

For further information, please also consult our Internet site:

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