

# Safety Data Sheet

according to 2001/58/EC

## Neutrex 40

Print date : 16/01/07

Product code : 650121-1068

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

Product group : dry chemical

#### Identification of the substance or preparation

Neutrex 40

#### Use of the substance/preparation

fire extinguishing agent;  
dry chemical

#### Company/undertaking identification

Company name :	ORCHIDÉE GERMANY GmbH	
Street :	Industriestraße 11	
Place :	D-68526 Ladenburg	
Contact person :	Carina Öchsner	Telephone : +49.6203.934-0
e-mail :	info@orchideegermany.com	Telefax : +49.6203.934-150
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### 2. Composition/information on ingredients

#### **Chemical characterization** ( preparation )

Mixture of inorganic salts.,  
silicic acids,  
corrosion inhibitor,  
lubricant  
processing aid

#### **Further Information**

dry powder  
Keep container tightly closed in a dry and well-ventilated place.

### 3. 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.

### 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.

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## 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 control parameters**

Not required

### Exposure controls

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**Occupational exposure controls**

Not required

**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).

**Hand protection**

Not required

**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, free flowing wettable powder  
 Colour : light blue  
 Odour : none

**Important health, safety and environmental information**

pH-Value (at 20 °C) : 4,0-4,6 (10% Soln.) Test method

**Changes in the physical state**

Melting point : >190 °C  
 Flash point : none

**Explosive properties**

not applicable

**Oxidizing properties**

The product is not flammable.; fire extinguishing agent

Density (at 20 °C) : 1,7-1,9 g/cm<sup>3</sup>  
 Water solubility : 290-320 g/L  
 (at 20 °C)

**Other information**Bulk density 850-920kg/m<sup>3</sup>**10. Stability and reactivity****Materials to avoid**

strong acids and strong bases

**Hazardous decomposition products**ammonia, carbon dioxide (CO<sub>2</sub>)

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**11. Toxicological information****Acute toxicity**

None known.

**Specific effects in experiment on an animal**

None known.

**Corrosive and irritant effects**

None known.

**Sensitising effects**

None known.

**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 : 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**

160506 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals  
Classified as hazardous waste.

**Waste disposal number of used product**

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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

**Remarks (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

**Remarks (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

**Remarks (marine transport)**

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

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

fire extinguishing agent

**Remarks (air transport)**

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

**15. Regulatory information****Labelling**

Labelling according to EC-guidelines : Not required

**National regulations**

Water contaminating class : 1 - slightly water contaminating

**16. Other information****Other data**

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