

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## BEECK Fungicide

Print date: 17.04.2015

Product code: FWB\_B07

Page 1 of 8

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

#### 1.1. Product identifier

BEECK Fungicide

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

##### Use of the substance/mixture

Biocide solution for cleaning facades.

Only for commercial use.

The product is to be used exclusively for the applications named in the technical data sheet or in the processing instructions.

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

Company name:	BEECK'SCHE FARBWERKE GmbH	
Street:	Neustadt 458	
Place:	D-84028 Landshut	
Telephone:	+49 (0) 7333 / 9607-11	Telefax: +49 (0) 7333 / 9607-10
e-mail:	info@beeck.com	
Contact person:	Ralf Rieks	Telephone: +49 (0) 7333 / 9607-14
e-mail:	Ralf.Rieks@beeck.com	
Internet:	www.beeck.com	
Responsible Department:	Factory Laichingen, Gottlieb-Daimler-Str. 4, D-89150 Laichingen Tel. +49(0)7333/9607-11 Fax: +49(0)7333/9607-10 Mo-Fr: 8.00 -16.00 hour	

1.4. Emergency telephone number: United Kingdom +44 870 600 626 / 0870 600 6266  
GBK Gefahrgut Büro GmbH  
+49(0)6132/84463

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is not classified as hazardous according to Directive 1999/45/EC.

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

##### Precautionary statements

P102	Keep out of reach of children.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves.

#### 2.3. Other hazards

Repeated contact may cause allergic reactions in very susceptible persons.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Biocide on basis of benzalkonium chloride and octylisothiazolone.

Aqueous solution

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**BEECK Fungicide**

Print date: 17.04.2015

Product code: FWB\_B07

Page 2 of 8

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of feeling unwell: Obtain medical attention. Show this safety data sheet to the doctor in attendance. Never give anything by mouth to an unconscious person. Lay the affected person down and keep him still; If unconscious, place the person in the recovery position.

Eye wash fountains and safety showers must be easily accessible.

**After inhalation**

Fresh air supply. Lay the affected person down, and keep her or him warm and calm. In case of shortness of breath, give oxygen. Consult a physician. If symptoms persist, call a physician.

**After contact with skin**

Wash off with soap and plenty of water immediately. Remove soiled clothing. Do not use solvents or thinners. Rinse well with water. If skin irritation persists, call a physician.

In the case of skin irritation or allergic reactions see a physician.

**After contact with eyes**

Rinse with plenty of water immediately, also under the eyelids, for at least 15 minutes. Consult an ophthalmologist.

**After ingestion**

Clean mouth with water and drink plenty of water afterwards. Do not induce vomiting without medical advice. In the event of spontaneous nausea and unconsciousness, keep the head back and bring the patient into the recovery position. Immediately give large quantities of water to drink. Lay the affected person down, and keep her or him warm and calm. Consult a physician.

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

Eye irritation. Skin irritation.

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.

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

Symptomatic treatment (decontamination and vital functions). If necessary, contact poison centre.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product is not flammable. Use extinguishing measures that are appropriate to the environment.

**Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

The release of the following substances is possible in a fire: carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), smoke, nitrogen oxides (NO<sub>x</sub>).

The inhalation of hazardous decomposition products may cause serious health damage.

**5.3. Advice for firefighters**

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

**Additional information**

Prevent extinguishing water used by the fire department, or any other forms of the diluted product, from ending up in surface water or drinking water reservoirs. Prevent product from entering drains.

**SECTION 6: Accidental release measures**

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## BEECK Fungicide

Print date: 17.04.2015

Product code: FWB\_B07

Page 3 of 8

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

Evacuate personnel to a safe area. Provide good ventilation. Do not breathe in vapours and mist. Avoid bringing product in contact with the skin. Use personal protective equipment.  
Slipping hazard due to leakage.

### 6.2. Environmental precautions

The product must not get into the watercourse without preparatory treatment (biological wastewater treatment plant). Entry into rivers or surface water is to be prevented by the erection of barriers made of sand or earth or by other suitable barriers. Contact the responsible authority immediately if the product ends up in the soil, a body of water, or the sewer system.

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

Mix residues with binding agent and sweep up avoiding dust formation.  
Use a convenient binder.

### 6.4. Reference to other sections

Suitable protective equipment: See section 8.  
Dispose of as described in section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

Provide sufficient air exchange and/or exhaust in work rooms.  
Refill with care. Avoid spillage.  
Avoid contact with skin and eyes. The further treatment / removal of coatings by grinding, burning, etc. may create hazardous dust and/or vapour. Do not breathe vapours/dust.  
When using, do not eat, drink, or smoke.  
Suitable protective equipment: See section 8.

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

No special precautions required.

#### **Further information on handling**

Comply with the health and safety at work laws. Handle, store and transport in compliance with local regulations and in labelled containers that are suitable for this product.

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

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

Store in compliance with the local regulations. Store sealed in the original container.  
Keep in a dry, cool place. Protect from freezing.

#### **Advice on storage compatibility**

Do not store near acids.

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

Entry by unauthorized individuals is forbidden. Containers keep tightly closed.  
Keep at temperatures between 5°C and 25°C.  
Already opened containers should be closed thoroughly and should be stored upright in order to prevent leakage.

### 7.3. Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### **Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas. This can be achieved by local or space

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**BEECK Fungicide**

Print date: 17.04.2015

Product code: FWB\_B07

Page 4 of 8

exhaust. If this is not sufficient, in order to hold the solvent vapour concentration lower than the occupational exposure limit an approved respiratory protection apparatus must be worn.

**Protective and hygiene measures**

Avoid contact with skin and eyes. Do not breathe in vapours or spray mist. Remove and wash contaminated clothing before re-use. Do not eat, drink, smoke or take snuff at work. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal food stuffs.

**Eye/face protection**

Safety glasses at risk of splashing. Safety glasses with side-shields.

**Hand protection**

protective gloves, chemical-resistant (DIN EN 374)

Please note that the daily use of a chemical glove in practice may be considerably shorter than the permeation time calculated in EN 374 as a result of many different factors (for example temperature). Wash and dry one's hands after use of gloves. Protection cream can help to protect the skin surface. It should be applied before use.

The manufacturer recommends the following glove materials: nitrile rubber

Gloves made of the following materials are not suitable: leather gloves.

**Skin protection**

Industrial protective clothing

**Respiratory protection**

In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator.

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

Physical state:	liquid
Colour:	colourless
Odour:	mild

**Test method**

pH-Value (at 20 °C):	6
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**Changes in the physical state**

Melting point:	No data available.
Initial boiling point and boiling range:	100 °C
Flash point:	not applicable

**Explosive properties**

The product is not explosive.

Lower explosion limits:	No data available.
Upper explosion limits:	No data available.
Decomposition temperature:	No data available.

**Oxidizing properties**

The product is not self-igniting.

Vapour pressure:	No data available.
Density (at 20 °C):	1,0 g/cm <sup>3</sup>
Water solubility:	completely miscible
Partition coefficient:	No data available.
Viscosity / dynamic:	< 500 mPa·s
Vapour density:	No data available.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**BEECK Fungicide**

Print date: 17.04.2015

Product code: FWB\_B07

Page 5 of 8

Evaporation rate: No data available.

**9.2. Other information**

No data available.

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

No data available.

**10.2. Chemical stability**

Stable under proper storage and handling.

**10.3. Possibility of hazardous reactions**

No dangerous reactions occur under normal storage conditions and in normal use.

**10.4. Conditions to avoid**

Before processing the product, it should not be diluted or mixed with other chemicals in order to avoid negative effects on active substance(s).

**10.5. Incompatible materials**

strong acids and strong bases

**10.6. Hazardous decomposition products**

No decomposition if stored and applied as directed.

**Further information**

Minimum shelf-life: 12 months

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

No data is available on the product itself.

ATE mix/oral: &gt; 5000 mg/kg (rat)

ATE mix/dermal: &gt; 5000 mg/kg (rat)

**Irritation and corrosivity**

May cause eye/skin irritation.

**Sensitising effects**

Repeated contact may cause allergic reactions in very susceptible persons.

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

No data is available on the product itself.

**12.2. Persistence and degradability**

Can be eliminated from the water easily.

Biological degradability:

Contents: Highly biodegradable.

Properties in sewage systems: Not assumed to retard the growth of activated sludge bacteria.

Additional advice:

The active substance is biodegradable below damage thresholds for microorganisms.

Properties in environmental compartments:

Octylisothiazolone:

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**BEECK Fungicide**

Print date: 17.04.2015

Product code: FWB\_B07

Page 6 of 8

The product is biodegradable. "Aerobic Mineralisation in Surface Water - Simulation Biodegradation Test" (OECD Guideline 309)

In naturel stream water fast biodegradable.

Degradation Half Time (DT):

DT 50%: 1 - 3 d

DT 90%: 3 - 5 d

Benzalkonium chloride:

Highly biodegradable. (Closed-Bottle-Test) OECD 301 D-Test

**12.3. Bioaccumulative potential**

No bioaccumulation on account of the log(P) values of the main components.

Octylisothiazolone log Kow 2,9

Benzalkonium chloride log Kow -0,5 - 1,58

**12.4. Mobility in soil**

No data available.

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

The product does not contain any substance which meets the PBT criteria

(persistent/bio-accumulative/toxic) or the vPvB criteria (very persistent/very bio-accumulative).

**12.6. Other adverse effects**

Contains no heavy metals.

**Further information**

Should not be released into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Must be sent for special treatment in accordance with local authority regulations. The organic ingredients can be incinerated in a suitable installation authorised under the Environmental Protection Act 1990.

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

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances  
Classified as hazardous waste.

**Waste disposal number of used product**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other dangerous substances  
Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Suitable cleaning agents: Water resp. soapy water.

Packaging can be sent for recycling after being emptied and cleaned. If recycling is not practicable, dispose of in compliance with the official regulations and the Environmental Protection (Duty of Care)

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**BEECK Fungicide**

Print date: 17.04.2015

Product code: FWB\_B07

Page 7 of 8

Regulations 1991.

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

Not classified as dangerous regarding transport regulations.

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

Not classified as dangerous regarding transport regulations.

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

Not classified as dangerous regarding transport regulations.

**Air transport (ICAO)****Other applicable information (air transport)**

Not classified as dangerous regarding transport regulations.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

No data available.

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

Not classified as dangerous regarding transport regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2004/42/EC (VOC): not applicable

**Additional information**

No Substances of Very High Concern (SVHC) according REACH Article 57.

**National regulatory information**

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

Biocide registry number: N-47297; N-47299

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Abbreviations and acronyms**

n.a. = not applicable

n.d. = not determined

n.d.a. = no data available

**Further Information**

The information is based on present levels of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The product is to be used exclusively for the applications named in the technical data sheet or in the processing instructions.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### **BEECK Fungicide**

Print date: 17.04.2015

Product code: FWB\_B07

Page 8 of 8

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