

# Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 01.10.2015

Version: 5.0

Product: **CHORD®**

(ID no. 58651493/SDS\_CPA\_GB/EN)

Date of print 02.10.2015

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

### 1.1. Product identifier

**CHORD®**

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

Relevant identified uses: crop protection product, fungicide

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

Company:

BASF plc  
PO Box 4, Earl Road, Cheadle Hulme,  
Cheadle, Cheshire  
SK8 6QG, UNITED KINGDOM  
Operating Division Crop Protection

Telephone: +49 621 60-27777

E-mail address: Produktinformation-Pflanzenschutz@basf.com

### 1.4. Emergency telephone number

Telephone: +49 180 2273-112

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## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

| Eye Dam./Irrit. 2

| Carc. 2

| Repr. 1B

**Aquatic Chronic 1**

H319, H351, H360Df, H410, EUH401

For the classifications not written out in full in this section the full text can be found in section 16.

**2.2. Label elements**Globally Harmonized System (GHS) in accordance with UK regulations.

Pictogram:



Signal Word:

Danger

Hazard Statement:

|        |   |
|--------|---|
| H319   | Causes serious eye irritation.  |
| H351   | Suspected of causing cancer.  |
| H360Df | May damage the unborn child. Suspected of damaging fertility.                             |
| H410   | Very toxic to aquatic life with long lasting effects.                                     |
| EUH401 | To avoid risks to human health and the environment, comply with the instructions for use. |

Precautionary Statement:

|      |   |
|------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.  |

Precautionary Statements (Prevention):

|      |   |
|------|---|
| P280 | Wear protective gloves/clothing/eye protection.                           |
| P201 | Obtain special instructions before use.                                   |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P264 | Wash contaminated body parts thoroughly after handling.                   |

Precautionary Statements (Response):

|                    |  |
|--------------------|--|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308 + P311        | IF exposed or concerned: Call a POISON CENTER or doctor/physician.   |
| P391               | Collect spillage.  |
| P337 + P311        | If eye irritation persists: Call a POISON CENTER or doctor/physician.  |

Precautionary Statements (Storage):

|      |                  |
|------|------------------|
| P405 | Store locked up. |
|------|------------------|

Precautionary Statements (Disposal):

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P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Labeling of special preparations (GHS):

EUH208: May produce an allergic reaction. Contains: 1,2-BENZISOTHIAZOL-3(2H)-ONE

Only for professional users.

According to Regulation (EC) No 1272/2008 [CLP]

Hazard determining component(s) for labelling: EPOXICONAZOLE, BOSCALID

### 2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

#### Chemical nature

crop protection product, fungicide, suspension concentrate (SC)

#### Hazardous ingredients (GHS)

according to Regulation (EC) No. 1272/2008

|  |                   |
|--|-------------------|
| 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)- |                   |
| Content (W/W): 18.8 %  | Aquatic Chronic 2 |
| CAS Number: 188425-85-6  | H411              |

Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane

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|                            |                    |
|----------------------------|--------------------|
| Content (W/W): 6.6 %       | Carc. 2            |
| CAS Number: 133855-98-8    | Repr. 1B           |
| EC-Number: 406-850-2       | Aquatic Chronic 2  |
| INDEX-Number: 613-175-00-9 | H351, H360Df, H411 |

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

|                            |                              |
|----------------------------|------------------------------|
| Content (W/W): < 0.05 %    | Acute Tox. 4 (oral)          |
| CAS Number: 2634-33-5      | Skin Corr./Irrit. 2          |
| EC-Number: 220-120-9       | Eye Dam./Irrit. 1            |
| INDEX-Number: 613-088-00-6 | Skin Sens. 1                 |
|                            | Aquatic Acute 1              |
|                            | M-factor acute: 10           |
|                            | H318, H315, H302, H317, H400 |

Specific concentration limit:Skin Sens. 1:  $\geq 0.05$  %

Methyl-Oxirane, Blockpolymer with Oxirane, Monoisotridecyl ether

|                         |                   |
|-------------------------|-------------------|
| Content (W/W): < 15 %   | Eye Dam./Irrit. 2 |
| CAS Number: 196823-11-7 | H319              |

C8 alkyl glycoside solution

|                      |                   |
|----------------------|-------------------|
| Content (W/W): < 5 % | Eye Dam./Irrit. 1 |
| EC-Number: 414-420-0 | H318              |

phenolsulfonic acid-formaldehyde-polycondensate as sodium salt

|                      |                   |
|----------------------|-------------------|
| Content (W/W): < 3 % | Eye Dam./Irrit. 2 |
|                      | Aquatic Chronic 3 |
|                      | H319, H412        |

Propane-1,2-diol

|   |
|---|
| Content (W/W): < 5 %                        |
| CAS Number: 57-55-6                         |
| EC-Number: 200-338-0                        |
| REACH registration number: 01-2119456809-23 |

Cellulose

|                       |
|-----------------------|
| Content (W/W): < 1 %  |
| CAS Number: 9004-34-6 |
| EC-Number: 232-674-9  |

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

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## SECTION 4: First-Aid Measures

### 4.1. Description of first aid measures

Remove contaminated clothing.

Show container, label and/or safety data sheet to physician.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

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

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

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

Treatment: Symptomatic treatment (decontamination, vital functions).

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## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing media

Suitable extinguishing media:

water spray, carbon dioxide, foam, dry powder

Unsuitable extinguishing media for safety reasons:

water jet

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

carbon monoxide, hydrogen chloride, hydrogen fluoride, Carbon dioxide, nitrogen oxides, organochloric compounds

The substances/groups of substances mentioned can be released in case of fire.

### 5.3. Advice for fire-fighters

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

**Further information:**

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

---

**SECTION 6: Accidental Release Measures****6.1. Personal precautions, protective equipment and emergency procedures**

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

**6.2. Environmental precautions**

Do not allow contamination of public drains or surface or ground waters. Inform local water plc if spillage enters drains and the Environment Agency (England & Wales), the Scottish Environmental Protection Agency (Scotland), or the Environment and Heritage Service (Northern Ireland) if it enters surface or ground waters. Keep people and animals away.

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

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Wear suitable protective equipment.

**6.4. Reference to other sections**

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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**SECTION 7: Handling and Storage****7.1. Precautions for safe handling**

Ensure thorough ventilation of stores and work areas. No special measures necessary if stored and handled correctly. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Remove contaminated clothing and protective equipment before entering eating areas.

**Protection against fire and explosion:**

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

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

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Protect from temperatures below: -5 °C

The product can crystallize below the limit temperature.

Protect from temperatures above: 35 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

### 7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

#### Components with occupational exposure limits

57-55-6: Propane-1,2-diol

TWA value 10 mg/m<sup>3</sup> (WEL/EH 40 (UK)), Particulate

TWA value 474 mg/m<sup>3</sup> ; 150 ppm (WEL/EH 40 (UK)), Total vapour and particulates

9004-34-6: Cellulose

TWA value 10 mg/m<sup>3</sup> (WEL/EH 40 (UK)), Inhalable dust

TWA value 4 mg/m<sup>3</sup> (WEL/EH 40 (UK)), Respirable dust

STEL value 20 mg/m<sup>3</sup> (WEL/EH 40 (UK)), Inhalable dust

133855-98-8: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[[1H-1,2,4-triazol-1-yl)methyl]oxirane

TWA value 0.3 mg/m<sup>3</sup> (Recommendation of BASF), Respirable dust

Refer to the current edition of HSE Guidance Note EH40 Occupational Exposure Limits (United Kingdom). For normal use and handling refer to the product label/leaflet. In all other cases the following apply.

### 8.2. Exposure controls

#### Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures**

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

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## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

|                              |  |
|------------------------------|--|
| Form:                        | suspension   |
| Colour:                      | off-white  |
| Odour:                       | faintly aromatic   |
| Odour threshold:             |  |
| pH value:                    | Not determined due to potential health hazard by inhalation.<br>approx. 7 - 9<br>(approx. 20 °C)<br>(measured with the undiluted substance)  |
| crystallization temperature: | -4.7 °C  |
| Boiling point:               | approx. 100 °C   |
| Flash point:                 | (DIN EN 22719; ISO 2719)<br>No flash point - Measurement made up to the boiling point.   |
| Evaporation rate:            | not applicable   |
| Flammability:                | not applicable   |
| Lower explosion limit:       | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. |
| Upper explosion limit:       | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. |
| Ignition temperature:        | approx. 450 °C   |



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|   |  |                      |
|---|--|----------------------|
| Vapour pressure:                                    | approx. 23 hPa<br>(20 °C)  |                      |
| Density:  | Information applies to the solvent.<br>approx. 1.12 g/cm <sup>3</sup><br>(20 °C)     | (OECD Guideline 109) |
| Relative vapour density (air):                      | not applicable   |                      |
| Solubility in water:                                | dispersible  |                      |
| Partitioning coefficient n-octanol/water (log Kow): | not applicable   |                      |
| Thermal decomposition:                              | No decomposition if stored and handled as prescribed/indicated.                      |                      |
| Viscosity, dynamic:                                 | 170 mPa.s<br>(20 °C, 100 1/s)  | (OECD 114)           |
| Explosion hazard:                                   | not explosive  |                      |
| Fire promoting properties:                          | Based on its structural properties<br>the product is not classified as<br>oxidizing. |                      |

## 9.2. Other information

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

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## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### 10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.4. Conditions to avoid

See MSDS section 7 - Handling and storage.

### 10.5. Incompatible materials

Substances to avoid:

strong bases, strong acids, strong oxidizing agents

### 10.6. Hazardous decomposition products

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Experimental/calculated data:

LD50 rat (oral): > 2,000 mg/kg

No mortality was observed.

LC50 rat (by inhalation): > 4.75 mg/l 4 h

LD50 rat (dermal): > 4,000 mg/kg

No mortality was observed.

#### Irritation

Assessment of irritating effects:

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Eye contact causes irritation. Skin contact causes slight irritation.

Experimental/calculated data:

Skin corrosion/irritation rabbit: Slightly irritating.

Serious eye damage/irritation rabbit: Irritant.

#### Respiratory/Skin sensitization

Assessment of sensitization:

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. There is no evidence of a skin-sensitizing potential.

Experimental/calculated data:

modified Buehler test guinea pig: Skin sensitizing effects were not observed in animal studies.

#### Germ cell mutagenicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

#### Carcinogenicity

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-*

*Assessment of carcinogenicity:*

*In long-term studies in rats the substance induced thyroid tumors. The effect is caused by an animal specific mechanism that has no human counter part. In long-term studies in mice in which the substance was given by feed, a carcinogenic effect was not observed.*

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane*

*Assessment of carcinogenicity:*

*Indication of possible carcinogenic effect in animal tests.*

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#### Reproductive toxicity

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane*

*Assessment of reproduction toxicity:*

*The results of animal studies suggest a fertility impairing effect.*

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#### Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane*

*Assessment of teratogenicity:*

**|** *EU-classification The substance caused malformations/developmental toxicity in laboratory animals.*

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#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organotoxicity was observed after repeated administration to animals.

*Information on: 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-  
Assessment of repeated dose toxicity:  
Adaptive effects were observed after repeated exposure in animal studies.*

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane  
Assessment of repeated dose toxicity:  
Repeated exposure to large quantities may affect certain organs.*

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#### Aspiration hazard

No aspiration hazard expected.

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Other relevant toxicity information

Misuse can be harmful to health.

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## **SECTION 12: Ecological Information**

### **12.1. Toxicity**

Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Toxicity to fish:

LC50 (96 h) 10.6 mg/l, *Oncorhynchus mykiss*

Aquatic invertebrates:

EC50 (48 h) 17.1 mg/l, *Daphnia magna*

Aquatic plants:

EC50 (96 h) 14.6 mg/l (growth rate), *Pseudokirchneriella subcapitata*

EC10 (72 h) 0.078 mg/l (growth rate), *Pseudokirchneriella subcapitata*

### **12.2. Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-  
Assessment biodegradation and elimination (H<sub>2</sub>O):  
Not readily biodegradable (by OECD criteria).*

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane  
Assessment biodegradation and elimination (H<sub>2</sub>O):  
Not readily biodegradable (by OECD criteria).*

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### 12.3. Bioaccumulative potential

Assessment bioaccumulation potential:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-  
Bioaccumulation potential:  
Bioconcentration factor: 57 - 70 (28 d), *Oncorhynchus mykiss*  
Does not accumulate in organisms.*

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane  
Bioaccumulation potential:  
Bioconcentration factor: 59 - 70, *Oncorhynchus mykiss* (OECD-Guideline 305)  
Does not accumulate in organisms.*

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### 12.4. Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-  
Assessment transport between environmental compartments:  
Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*

*Information on: Epoxiconazole; (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane  
Assessment transport between environmental compartments:  
Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*

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### 12.5. Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### 12.6. Other adverse effects

The product does not contain substances that are listed in the Montreal Protocol on substances that deplete the ozone layer.

### 12.7. Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (United Kingdom)

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## SECTION 14: Transport Information

### Land transport

ADR

|                               |  |
|-------------------------------|--|
| UN number                     | UN3082   |
| UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains BOSCALID, EPOXICONAZOLE) |
| Transport hazard class(es):   | 9, EHSM  |
| Packing group:                | III  |
| Environmental hazards:        | yes  |
| Special precautions for user: | Tunnel code: E   |

RID

|                             |  |
|-----------------------------|--|
| UN number                   | UN3082   |
| UN proper shipping name:    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains BOSCALID, EPOXICONAZOLE) |
| Transport hazard class(es): | 9, EHSM  |
| Packing group:              | III  |

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|                               |            |
|-------------------------------|------------|
| Environmental hazards:        | yes        |
| Special precautions for user: | None known |

**Inland waterway transport**

ADN

|                                      |  |
|--------------------------------------|--|
| UN number                            | UN3082   |
| UN proper shipping name:             | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains BOSCALID, EPOXICONAZOLE) |
| Transport hazard class(es):          | 9, EHS   |
| Packing group:                       | III  |
| Environmental hazards:               | yes  |
| Special precautions for user:        | None known   |
| Transport in inland waterway vessel: | Not evaluated  |

**Sea transport**

IMDG

|                               |  |
|-------------------------------|--|
| UN number:                    | UN 3082  |
| UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains BOSCALID, EPOXICONAZOLE) |
| Transport hazard class(es):   | 9, EHS   |
| Packing group:                | III  |
| Environmental hazards:        | yes  |
| Special precautions for user: | Marine pollutant: YES<br>None known  |

**Air transport**

IATA/ICAO

|                               |  |
|-------------------------------|--|
| UN number:                    | UN 3082  |
| UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains BOSCALID, EPOXICONAZOLE) |
| Transport hazard class(es):   | 9, EHS   |
| Packing group:                | III  |
| Environmental hazards:        | yes  |
| Special precautions for user: | None known   |

**14.1. UN number**

See corresponding entries for "UN number" for the respective regulations in the tables above.

#### **14.2. UN proper shipping name**

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

#### **14.3. Transport hazard class(es)**

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

#### **14.4. Packing group**

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### **14.5. Environmental hazards**

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

#### **14.6. Special precautions for user**

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

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

Regulation: Not evaluated

Shipment approved: Not evaluated

Pollution name: Not evaluated

Pollution category: Not evaluated

Ship Type: Not evaluated

#### **Further information**

This product is subject to the most recent edition of "The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations" and their amendments (United Kingdom).

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## **SECTION 15: Regulatory Information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Prohibitions, Restrictions and Authorizations**

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 30

Restrictions of Regulation (EC) No 1907/2006, Annex XVII, do not apply for the intended use(s) of the product given in this MSDS.

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

This product may be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments if specific threshold tonnages are exceeded (United Kingdom).



This product is classified under the European CLP Regulation.

## 15.2. Chemical Safety Assessment

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

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## SECTION 16: Other Information

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

|                   |   |
|-------------------|---|
| Eye Dam./Irrit.   | Serious eye damage/eye irritation   |
| Carc.             | Carcinogenicity   |
| Repr.             | Reproductive toxicity   |
| Aquatic Chronic   | Hazardous to the aquatic environment - chronic  |
| Acute Tox.        | Acute toxicity  |
| Skin Corr./Irrit. | Skin corrosion/irritation   |
| Skin Sens.        | Skin sensitization  |
| Aquatic Acute     | Hazardous to the aquatic environment - acute  |
| H319              | Causes serious eye irritation.  |
| H351              | Suspected of causing cancer.  |
| H360Df            | May damage the unborn child. Suspected of damaging fertility.                             |
| H410              | Very toxic to aquatic life with long lasting effects.                                     |
| EUH401            | To avoid risks to human health and the environment, comply with the instructions for use. |
| H411              | Toxic to aquatic life with long lasting effects.  |
| H318              | Causes serious eye damage.  |
| H315              | Causes skin irritation.   |
| H302              | Harmful if swallowed.   |
| H317              | May cause an allergic skin reaction.  |
| H400              | Very toxic to aquatic life.   |
| H412              | Harmful to aquatic life with long lasting effects.  |

If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: [Produktinformation-Pflanzenschutz@basf.com](mailto:Produktinformation-Pflanzenschutz@basf.com)

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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Vertical lines in the left hand margin indicate an amendment from the previous version.