



## CeraXel

Revision 6

Revision date 2016-04-12

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

Product name	CeraXel
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**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Description	Fungicide.
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**1.3. Details of the supplier of the safety data sheet**

Company	Ceradis B.V.
Address	Agro Business Park 10 6708 PW Wageningen The Netherlands
Web	www.ceradis.com
Telephone	+ 31 (0)317 424250
Email address of the competent person	info@ceradis.com

**1.4. Emergency telephone number**

Emergency telephone number	+ 31 (0)6 57 733 002
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**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Main hazards	No Significant Hazard
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**2.2. Label elements**

Risk phrases	No Significant Hazard
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**SECTION 3: Composition/information on ingredients****3.2. Mixtures****67/548/EEC / 1999/45/EC**

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Disodium phosphonate		13708-85-5	237-249-1		30 - 40%		
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts		85586-07-8	287-809-4		1 - 5%	Xn; R22 Xi; R38-41	

**EC 1272/2008**

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

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## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use as appropriate: Water spray, Carbon dioxide (CO <sub>2</sub> ), Foam, Dry chemical.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.
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## 5.3. Advice for firefighters

	Wear protective clothing. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

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

	Avoid contact with eyes and skin. Wear suitable protective equipment. Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	When using do not eat, drink or smoke. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Keep out of the reach of children. Keep in a cool, dry, well ventilated area.
Suitable packaging	Store in original container.

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Protective clothing. Wear suitable gloves and eye/face protection. Wear suitable protective clothing.
Eye / face protection	Approved safety goggles. EN 166.
Skin protection - Handprotection	Wear suitable gloves. Nitrile rubber gloves. EN 374-3.
Respiratory protection	Not normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Appearance	Liquid/Suspension
Colour	Brown
pH	8 - 8.4
Melting point	No data available
Initial boiling point	No data available
Flash point	> 200 °C
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Autoignition temperature	590 °C
Explosive properties	not explosive
Oxidising properties	not oxidising
Solubility	Miscible in water

## 9.2. Other information

Bulk Density	1380 - 1400 g/L
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## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.4. Conditions to avoid

	Direct sunlight.
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## 10.5. Incompatible materials

	Oxidising agents.
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## 10.6. Hazardous decomposition products

	Carbon oxides. Sulphur oxides.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	No irritation expected.

## 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

## 12.1. Toxicity

CeraXel	Daphnia EC50/48h: 361.0000 mg/l	Algae IC50/72h: 73.6000 mg/l
	Fish LC50/96h: 396.0000 mg/l	

## SECTION 13: Disposal considerations

## General information

	Do not empty into drains; dispose of this material and its container in a safe way. Dispose of in compliance with all local and national regulations.
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## Disposal of packaging

	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
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## SECTION 14: Transport information

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## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

## Regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 11 - 11.1.4. Toxicological Information.
- 11 - Skin corrosion/irritation.
- 11 - Serious eye damage/irritation.
- 12 - 12.1. Toxicity.

## Text of risk phrases in Section 3

R22 - Harmful if swallowed.  
R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.

## Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.  
Skin Irrit. 2: H315 - Causes skin irritation.  
Eye Dam. 1: H318 - Causes serious eye damage.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.