

## CeraQuint SC

Revision 3

Revision date 2017-06-08

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

#### 1.1. Product identifier

Product name	CeraQuint SC
Product code	CF260

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

Description	Fungicide. For R&D use only.
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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

2.1.1. Classification - 1999/45/EC	N; R51/53 Symbols: N: Dangerous for the environment.
Main hazards	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319; Aquatic Chronic 1: H410;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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## 2.2. Label elements

Precautionary Statement: Disposal	lenses, if present and easy to do. Continue rinsing. P330 - Rinse mouth. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.
	P501 - Dispose of contents/container to

## 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.
Copper oxychloride		1332-40-7	215-572-9		20 - 30%	Xn; R20/22 N; R50/53	M=10
D-Glucopyranose, oligomers, decyl octyl glycosides		68515-73-1			1 - 10%	Xi; R41	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Copper oxychloride		1332-40-7	215-572-9		15 - 25%	Acute Tox. 4: H302; Acute Tox. 4: H332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	M=10
D-Glucopyranose, oligomers, decyl octyl glycosides		68515-73-1			1 - 10%	Eye Dam. 1: H318;	

## SECTION 4: First aid measures

## 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	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. 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 oxides, 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 suitable respiratory equipment when necessary. Protective equipment.
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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

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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

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. When using do not eat or drink.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Keep in a cool, dry, well ventilated area.
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## Suitable packaging

	Store in original container.
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## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

	Ensure adequate ventilation of the working area.
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## 8.2.2. Individual protection measures

	Wear chemical protective clothing.
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## Eye / face protection

	Approved safety goggles.
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## Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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## Respiratory protection

	Not normally required. In case of insufficient ventilation, wear suitable respiratory equipment.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Suspension/Concentrate
<b>Colour</b>	Green
<b>Odour</b>	Characteristic
<b>pH</b>	7.5 - 8.5
<b>Melting point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Miscible in water

## 9.2. Other information

<b>Surface tension</b>	No data available
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<b>Bulk Density</b>	1320 - 1330 g/L
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	None known.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

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## 10.3. Possibility of hazardous reactions

None known.

## 10.4. Conditions to avoid

None known.

## 10.5. Incompatible materials

None known.

## 10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes.

## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

No data available

## SECTION 12: Ecological information

## 12.1. Toxicity

Copper oxychloride	Algae EC50/72h: >320 Rainbow trout LC50/96h: 0.082	Daphnia LC50/48h: 0.5
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Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 12.3. Bioaccumulative potential

## Partition coefficient

CeraQuint SC No data available

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN3082

## 14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

## 14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

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<b>14.4. Packing group</b>	
Packing group	III
<b>14.5. Environmental hazards</b>	
Environmental hazards	Yes
Marine pollutant	Yes
<b>ADR/RID</b>	
Hazard ID	90
Tunnel Category	(E)
<b>IMDG</b>	
EmS Code	F-A S-F
<b>IATA</b>	
Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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. 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.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
Revision	This document differs from the previous version in the following areas:. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 4 - Eye contact. 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R20/22 - Harmful by inhalation and if swallowed. R41 - Risk of serious damage to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Eye Dam. 1: H318 - Causes serious eye damage.
<b>Further information</b>	
	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

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**Further information**

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	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.
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