

FytoFert S

Revision 7

Revision date 2017-06-01

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

1.1. Product identifier

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|--------------|------------|
| Product name | FytoFert S |
|--------------|------------|

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

| | |
|-------------|-------------|
| Description | Fertiliser. |
|-------------|-------------|

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 |
|----------------------------|----------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|-----------------------------------|
| 2.1.1. Classification - 1999/45/EC | Xi; R38 Symbols: Xi: Irritant. |
| Main hazards | Irritating to skin. |
| 2.1.2. Classification - EC 1272/2008 | Skin Irrit. 2: H315; |

2.2. Label elements

| | |
|-------------------------------------|--|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Skin Irrit. 2: H315 - Causes skin irritation. |
| Precautionary Statement: Prevention | P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P302+P352 - IF ON SKIN: Wash with plenty of water/ . P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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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. |
|--|--------------|------------|-----------|---------------------------|--------------|----------------|-----------|
| sulfur | 016-094-00-1 | 7704-34-9 | 231-722-6 | | 40 - 50% | Xi; R38 | |
| Poly(oxy-1,2-ethanediyl), α-[2,4,6-tris(1-phenylethyl)phenyl]-ω-hydroxy- | | 99734-09-5 | | | 1 - 10% | R52/53 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|--------------|------------|-----------|---------------------------|--------------|--------------------------|-----------|
| sulfur | 016-094-00-1 | 7704-34-9 | 231-722-6 | | 40 - 50% | Skin Irrit. 2: H315; | |
| Poly(oxy-1,2-ethanediyl), α-[2,4,6-tris(1-phenylethyl)phenyl]-ω-hydroxy- | | 99734-09-5 | | | 1 - 10% | Aquatic Chronic 3: H412; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist. |
| Eye contact | May cause irritation 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 | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| | Use extinguishing media appropriate to the surrounding fire conditions. Water spray, carbon dioxide, dry chemical powder or appropriate foam. |
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5.2. Special hazards arising from the substance or mixture

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| | 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

| | |
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| | 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

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| | Avoid contact with eyes and skin. Wear suitable protective equipment. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

6.2. Environmental precautions

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| | 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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| | Absorb with inert, absorbent material. Sweep up. 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

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| | When using do not eat, drink or smoke. Avoid contact with eyes and skin. Ensure adequate |
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7.1. Precautions for safe handling

| | |
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| | ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

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| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Protective clothing. |
| Eye / face protection | Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |
| 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

| | |
|--------------------------|-------------------------|
| Appearance | Suspension/Concentrate |
| Colour | Yellow |
| Odour | Characteristic |
| pH | 7 - 9 |
| Melting point | No data available |
| Initial boiling point | No data available |
| Flash point | No data available |
| Autoignition temperature | No data available |
| Explosive properties | no explosive properties |
| Oxidising properties | no oxidising properties |
| Solubility | Miscible in water |

9.2. Other information

| | |
|-----------------|-------------------|
| Surface tension | No data available |
| Bulk Density | 1400 - 1420 g/L |

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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| Acute toxicity | Irritating to skin. |
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11.1.4. Toxicological Information

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|--------|---|-------------------------------|
| sulfur | Dermal Rat LD50: >2000 mg/kg bw Inhalation Rat LC50/4 h: 5.43 mg/L | Oral Rat LD50: >2000 mg/kg bw |
|--------|---|-------------------------------|

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| | No data is available on this product. |
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SECTION 12: Ecological information

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12.1. Toxicity

| | | |
|--------|---|-------------------------------|
| sulfur | Algae EC50/72h: 0.002 mg/L Rainbow trout LC50/96h: >0.063 mg/L | Daphnia LC50/48h: >0.063 mg/L |
|--------|---|-------------------------------|

12.3. Bioaccumulative potential

Partition coefficient

| | |
|--|------------------------|
| | sulfur Not applicable. |
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Further information

| | |
|--|---------------------------------------|
| | No data is available on this product. |
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SECTION 13: Disposal considerations

General information

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| | Dispose of in compliance with all local and national regulations. |
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Disposal of packaging

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| | 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

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. |
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14.4. Packing group

| | |
|--|--|
| | The product is not classified as dangerous for carriage. |
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14.5. Environmental hazards

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| | The product is not classified as dangerous for carriage. |
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14.6. Special precautions for user

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| | The product is not classified as dangerous for carriage. |
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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| | The product is not classified as dangerous for carriage. |
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SECTION 15: Regulatory information

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

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|-------------|---|
| 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. |
|-------------|---|

Further information

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| | German water hazard class: WGK 1 (Self-assessment). |
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SECTION 16: Other information

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Other information

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| Revision | <p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 6 - 6.1. Personal precautions, protective equipment and emergency procedures. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Explosive properties). 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties). 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure). 9 - 9.2. Other information (Partition coefficient). |
| Text of risk phrases in Section 3 | <p>R38 - Irritating to skin. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> |
| Text of Hazard Statements in Section 3 | <p>Skin Irrit. 2: H315 - Causes skin irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p> |

Further information

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| | <p>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.</p> |
|--|---|