

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** FIELDER COPPER 25**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Use as a horticultural / amenity fertiliser**1.3. Details of the supplier of the safety data sheet****Company name:** Fielder Ltd

The Paddocks

Longden

Shrewsbury

Shropshire

SY5 8EX

United Kingdom

**Tel:** 01743 860924**Fax:** 01743 860977**Email:** fielderag@farming.co.uk**1.4. Emergency telephone number****Emergency tel:** 01743 860924

(office hours only)

**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; -: EUH208**Most important adverse effects:** Contains acticide mbl. May produce an allergic reaction. Causes serious eye damage.

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**2.2. Label elements****Label elements:****Hazard statements:** EUH208: Contains acticide mbl. May produce an allergic reaction.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS05: Corrosion

GHS09: Environmental



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**Signal words:** Danger

**Precautionary statements:** P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

P391: Collect spillage.

P501: Dispose of contents/container to hazardous or special waste collection point.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

COPPER OXYCHLORIDE - REACH registered number(s): 01-2119966120-46

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-572-9	1332-40-7	-	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Acute Tox. 4: H332	30-50%

MONOETHYLENE GLYCOL

203-473-3	107-21-1	-	Acute Tox. 4: H302	1-10%
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ATLOX 5406

-	-	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318	1-10%
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ACTICIDE MBL

-	-	-	Skin Corr. 1B: H314; Aquatic Acute 1: H400; Skin Sens. 1: H317; Aquatic Chronic 2: H411; Eye Dam. 1: H318	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Do not induce vomiting. Wash out mouth with water.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

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

**Skin contact:** No data available.

**Eye contact:** No data available.

[cont...]

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**Ingestion:** No data available.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:** Not applicable.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Absorb into dry earth or sand.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Not applicable.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** PC12: Fertilisers.

## Section 8: Exposure controls/personal protection

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## 8.1. Control parameters

**Hazardous ingredients:**

### COPPER OXYCHLORIDE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	1 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-	-

### MONOETHYLENE GLYCOL

UK	52 mg/m <sup>3</sup> (vapour)	104 mg/m <sup>3</sup> (vapour)	-	-
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## DNEL/PNEC Values

**Hazardous ingredients:**

### COPPER OXYCHLORIDE

Type	Exposure	Value	Population	Effect
DNEL	Oral	0.041mg/kg/day	General Population	Systemic
PNEC	Fresh water	7.8ug/l	-	-
PNEC	Marine water	5.2ug/l	-	-
PNEC	Microorganisms in sewage treatment	230mg/kg	-	-
PNEC	Fresh water sediments	87mg/kg	-	-
PNEC	Marine sediments	676mg/kg	-	-
PNEC	Soil (agricultural)	65	-	-

## 8.2. Exposure controls

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Not applicable.

## Section 9: Physical and chemical properties

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

**State:** Flowable suspension

**Colour:** Green

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** No data available.

**Viscosity:** No data available.

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**Boiling point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**Flash point°C:** No data available.

**Autoflammability°C:** No data available.

**Relative density:** 1.30-1.36

**VOC g/l:** No data available.

**Melting point/range°C:** No data available.

**upper:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Vapour pressure:** No data available.

**pH:** 6.0-8.5

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No data available.

### 10.2. Chemical stability

**Chemical stability:** No data available.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** No data available.

### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight. Extremes of temperature.

### 10.5. Incompatible materials

**Materials to avoid:** No data available.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** No data available.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

#### COPPER OXYCHLORIDE

DERMAL	RBT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	2.83	mg/l
ORAL	RAT	LD50	1398	mg/kg

#### MONOETHYLENE GLYCOL

IVN	RAT	LD50	3260	mg/kg
ORL	MUS	LD50	5500	mg/kg

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ORL	RAT	LD50	4700	mg/kg
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## ACTICIDE MBL

DERMAL	RAT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	>5	mg/kg
ORAL	RAT	LD50	2001-5000	mg/kg

### Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### COPPER OXYCHLORIDE

Daphnia magna	96H LC50	25	µg/l
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#### ACTICIDE MBL

ALGAE	72H EC50	0.157	mg/l
BLUEGILL ( <i>Lepomis macrochirus</i> )	96H LC50	35.7	mg/l
DAPHNIA	48H EC50	1.68	mg/l
GREEN ALGA ( <i>Selenastrum capricornutum</i> )	72H EC10	0.04	mg/l
GREEN ALGA ( <i>Selenastrum capricornutum</i> )	72H EC50	0.11	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	6	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

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## 12.4. Mobility in soil

**Mobility:** No data available.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Dispose of waste and residues in accordance with local authority requirements.

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**Recovery operations:** Dispose of in compliance with all local and national requirements.

**Disposal of packaging:** Empty containers should be taken care of as hazardous waste according to local and national provisions.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3082

### 14.2. UN proper shipping name

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

**Transport class:** 9

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** Classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC fertiliser Regulations 2003, Regulation (EC) No 1907/2006.

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## 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.