



# SAFETY DATA SHEET

## CUPAGREX-50

Preparation Date 14-Feb-2012

Revision Date 06-Mar-2012

Revision Number: 1

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the product

Product Code FCR05  
Product Description: CUPAGREX-50  
Pure substance/preparation Preparation

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

Recommended Use Fungicide

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

Supplier Cequisa  
Entenza, 157-1º,  
08029 Barcelona  
Spain  
Tel : +34 93 2405000  
Fax : +34 93 2005648

E-mail Address info@cequisa.com

#### 1.4 Emergency telephone number

Emergency Telephone Number **(CARECHEM 24): +44 208 762 8322**

Spain Poison Information Service (ES): +34 91 562 04 20

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC

**Symbol(s)** Xn - Harmful  
N - Dangerous for the environment

**R-code(s)** Xn;R20/22 N;R50/53

For the full text of the R phrases mentioned in this Section, see Section 16

### 2.2 Label Elements

Labelling according to EU Directives 67/548/EEC or 1999/45/EC



**Symbol(s)**  
Xn - Harmful  
N - Dangerous for the environment

**R -phrase(s)**

R20/22 - Harmful by inhalation and if swallowed  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**S -phrase(s)**

S 2 - Keep out of the reach of children  
S13 - Keep away from food, drink and animal feedingstuffs  
S22 - Do not breathe dust  
S36 - Wear suitable protective clothing  
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
S24/25 - Avoid contact with skin and eyes

### 2.3 Other hazards

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Chemical Name	EC No.	CAS-No	Weight %	Classification (Dir.67/548)	EU - GHS Substance Classification	REACH No.
Copper Oxychloride	215-572-9	1332-65-6	80 - 90	Xn;R22	Acute Tox. 4 (H302)	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891-38-3	1 - 5	Xi;R36/38	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	01-2119488639-16-0004

For the full text of the R phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16

### 4. FIRST AID MEASURES

#### 4.1 Description of first-aid measures

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes Get medical attention immediately if irritation persists.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
<b>Ingestion</b>	Call a physician or poison control center immediately Do NOT induce vomiting
<b>Inhalation</b>	Move to fresh air Call a physician or poison control center immediately

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

No information available.

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

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable Extinguishing Media**      Dry powder  
Foam  
Water spray

**Unsuitable Extinguishing Media**      Do not use a solid water stream as it may scatter and spread fire.

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

**Special hazard**                      Burning produces obnoxious and toxic fumes  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Hydrogen chloride.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate personnel to safe areas  
Avoid contact with the skin and the eyes  
Wear protective gloves/clothing and eye/face protection.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so  
Do not allow material to contaminate ground water system  
Do not flush into surface water or sanitary sewer system

### 6.3 Methods and materials for containment and cleaning up

Recover the product by sweeping up or vacuuming without raising dust.  
Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### **Handling**

Ensure adequate ventilation

Ensure that eyewash stations and safety showers are close to the workstation location

Wear protective gloves/clothing and eye/face protection.

#### **Hygiene Measures**

Do not eat, drink or smoke when using this product

Wash hands after handling

Wash hands before eating or drinking.

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

Keep only in the original container/package in a cool well-ventilated place

Keep at temperatures above 38°C

### 7.3 Specific end uses

No information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Exposure limits** Apply technical measures to comply with the occupational exposure limits

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2 Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas

#### **Personal protective equipment**

**Eye Protection** Safety glasses with side-shields.

**Skin Protection** Long sleeved clothing.

**Hand Protection** Protective gloves.

**Respiratory Protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

**Environmental exposure controls** No information available.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Blue.	
<b>Physical State</b>	Solid wettable powder	
<b>Odor</b>	Odorless.	
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
<b>pH</b>	5,5 - 7	
<b>Melting point/freezing point</b>	No information available	
<b>Boiling Point/Range</b>	No information available	
<b>Flash Point</b>	No information available	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	Not highly flammable	
<b>Specific Gravity</b>	0,55 - 0,70 g/cm <sup>3</sup>	
<b>Water Solubility</b>	No information available	
<b>Solubility in other solvents</b>	Insoluble Miscible (Water)	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition Temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available.	
<b>Viscosity</b>	No information available	
<b>Oxidizing Properties</b>	Non oxidizing	
<b>Explosive Properties</b>	According to the chemical structure no explosion reaction is expected.	

**9.2 Other information**

<b>VOC Content</b>	No information available
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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No information available.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of Hazardous Reactions

No information available.

### 10.4 Conditions to Avoid

Strong oxidizing agents  
Strong acids

### 10.5 Incompatible materials

No materials to be especially mentioned

### 10.6 Hazardous decomposition products

No information available

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

#### Local effects

##### Inhalation

There is no data available for this product.

##### Eye Contact

No eye irritation.

##### Skin Contact

No skin irritation.

##### Ingestion

There is no data available for this product.

#### LD50 Oral

> 700-800 mg/kg (rat)

#### LD50 Dermal

> 2000 mg/kg (rat)

#### LC50 Inhalation:

> 30 mg/L (rat)

#### Skin corrosion/irritation

No information available.

#### Sensitization

Did not cause sensitization.

#### Repeated Dose Toxicity

No information available.

#### Carcinogenic effects

No.

#### Mutagenic Effects

No.

#### Reproductive Effects

No information available.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

LC50/48h/daphnia = > 3,5 mg/L

LC50/fish/96 h = 2,2 mg/L (Cyprinus carpio)

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

<b>Waste from Residues / Unused Products</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.
<b>EWC waste disposal No</b>	020108 - agrochemical waste containing dangerous substances.
<b>Other Information</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.



**14. TRANSPORT INFORMATION****ADR/RID**

14.1. UN-No	UN3077
14.2. Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s. ( Copper Oxychloride )
14.3. Hazard Class	9
14.4. Packing Group	III
14.5. Environmental hazard	yes
14.6. Special Provisions	274, 335, 601
Tunnel restriction code	(E)

**IMDG/IMO**

14.1. UN-No	UN3077
14.2. Proper Shipping Name	Environmentally hazardous substances, solid n.o.s. ( Copper Oxychloride )
14.3. Hazard Class	9
14.4. Packing Group	III
14.5. Environmental hazard	Marine pollutant
14.6. Special Provisions	274, 335

**IATA/ICAO**

14.1. UN-No	UN3077
14.2. Proper Shipping Name	Environmentally hazardous substances, solid, n.o.s. ( Copper Oxychloride )
14.3. Hazard Class	9
14.4. Packing Group	III
14.5. Environmental hazard	yes
14.6. Special Provisions	A158, A179, A97

## 15. REGULATORY INFORMATION

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

- To avoid risks to man and the environment, comply with the instructions for use

#### International Inventories

TSCA	Complies
EINECS/ ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
CHINA	-
AICS	Complies
KECL	Complies

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out.

**16. OTHER INFORMATION****Full text of R-phrases referred to under sections 2 and 3**

R22 - Harmful if swallowed

R20/22 - Harmful by inhalation and if swallowed

R36/38 - Irritating to eyes and skin

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Full text of H-Statements referred to under sections 2 and 3**

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation

**Revision Date** 06-Mar-2012

**Revision Note** not applicable

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

The information contained is based on our knowledge of the product at the date of publishing.

It applies to the PRODUCT AS SUCH. In case of formulation or mixture, make sure that a new danger will not appear.

Users are advised of possible additional hazards when the product is used in applications for which it was not intended.

This sheet shall only be used and duplicated for prevention and Safety purposes.

For rates and use recommendations, refer to the information displayed on the packaging.

It is the responsibility of the handlers of the product to pass on this safety data sheet to any subsequent persons who will come into contact with the product.

**End of Safety Data Sheet**