

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1 Name of Preparation:
CUPROKYL

1.2 Intended Use:
A fungicide for professional use

1.3 Supplier Details:
Universal Crop Protection Limited
Park House
Maidenhead Road
Cookham
Berkshire SL6 9DS

Contact Telephone:
01628 526083
(Universal Crop Protection Ltd. – 24 Hours)
0207 635 9191 (National Poisons
Information Service London: AUTHORISED
MEDICAL PRACTITIONERS ONLY)

2. INFORMATION ON INGREDIENTS THIS PREPARATION IS CLASSIFIED AS DANGEROUS UNDER DIRECTIVE 2001/59/EC

2.1 Composition:
Hazardous Components -
Copper Oxychloride.....89.3% w/w
CAS 1332-40-7 Xn; N; R22; R50/53

3. HAZARDS IDENTIFICATION

3.1 Classification of Preparation:



HARMFUL



DANGEROUS
FOR THE
ENVIRONMENT

3.2 Primary Hazards:
HARMFUL IF SWALLOWED
VERY TOXIC TO AQUATIC ORGANISMS;
MAY CAUSE LONG TERM ADVERSE
EFFECTS IN THE AQUATIC
ENVIRONMENT.

4. FIRST AID MEASURES

4.1 Any special measures: If you feel unwell, seek medical advice (show the label where possible)

4.2 Inhalation: Remove from source of exposure to fresh air; seek medical attention.

4.3 Skin & eye exposure:
Rinse immediately with plenty of water. Seek medical advice.
Eyes: irrigate with copious amounts of clean water for at least 15 minutes. Seek medical advice

4.4 Ingestion: Seek medical advice immediately and show container or label.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: All common types (water spray, dry foam, carbon dioxide & dry powder)

5.2 Unsuitable extinguishing media: As appropriate for surrounding fire; high volume water jet not recommended.

5.3 Special hazards, combustion or by products: Toxic gases can be released on combustion.

5.4 Protective clothing for fire fighting: Suitable protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Prevent contact with skin or eyes; use personal protective equipment

6.2 Environmental precautions: Do not wash excessive spillages into water courses. If this product enters water course or sewer (including via contaminated soil & vegetation) contact local agency and/or police immediately. Do not burn.

6.3 Clean & disposal methods: Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

7. HANDLING AND STORAGE

7.1 Practical precautions & engineering controls for safe handling: Open container with care to avoid dust.

7.2 Conditions and quantity limits for safe storage:

Store in a cool, dry atmosphere in original, labelled containers.
Keep away from food, drink & animal feeding stuffs.
Refer to manufacturer for maximum safe stacking height.
Protect from frost.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values:

TLV (Cu) 1mg/m³ {dust}.

8.2 Occupational exposure controls: Ensure suitable engineering controls for measuring and decanting of product prior to mixing.

8.3 Personal Protective Equipment: Primary Hazard considered as handling of concentrate.

Gloves: BS EN374 – chemical protection: physical barrier protection only;
Eye Protection: goggles/face shield to BS EN166.
Respirator: BS approved protection device with P3 filter

9. PHYSICAL AND CHEMICAL PROPERTIES

9.01 Appearance: fine light green powder

9.02 Odour: not specified

9.03 pH: 6.0 – 9.5

9.04 Boiling point/range: not specified

9.05 Flash Point/Flammability: not classified as flammable

9.06 Explosive properties: not classified as explosive

9.07 Oxidising properties: not classified as oxidising

9.08 Vapour pressure: not specified

9.09 Relative Density: 0.9 – 1.1 (tap density)

9.10 Solubility: fairly insoluble in water

9.11 Partition coefficient: not specified

9.12 Viscosity: not specified

9.13 Vapour density: not specified

9.14 Evaporation rate: not specified

10. STABILITY AND REACTIVITY

10.1 Materials to avoid: Strong Acids & ammonium salts.

10.2 Conditions to avoid: None

10.3 Hazardous decomposition products: not specified.

11. TOXICOLOGICAL INFORMATION

Acute Oral toxicity LD50 (rat) >500 mg/kg (copper oxychloride)
Acute Inhalation toxicity LC50 (rat) 1.95mg/litre (copper oxychloride)
Acute Dermal toxicity LD50 (rat) >2000mg/kg
Sensitisation no available data

12. ECOLOGICAL INFORMATION

Classified as harmful to the environment.

12.1 Ecotoxicity: No data available

12.2 Mobility: No specific data available; refer to data on the active substance Copper Oxychloride.

12.3 Persistence & degradability: No specific data available; refer to data on the active substance Copper Oxychloride

12.4 Bioaccumulative potential: No specific data available; refer to data on the active substance Copper Oxychloride.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal of used preparation: Dispose in accordance with local regulations via specialised waste contractor.

13.2 Disposal of packaging: Use specialist waste contractor in accordance with local regulations. Do not remove labels from containers.

14. TRANSPORT INFORMATION

14.1 Specific Transport requirements

ADR/RID/ADNR

UN Number 3077
Risk Identification 90
Class 9
Packing Group III
Description of Goods: UN3077. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER OXYCHLORIDE)

IMO/IATA

UN Number 3077
Class 9
Packing Group III
Page code: 9029
Description of Goods: UN3077. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER OXYCHLORIDE)
MARINE POLLUTANT

15. REGULATORY INFORMATION

This preparation is classified and labelled in accordance with regulation 2001/59/EC.

16. OTHER INFORMATION

R22: HARMFUL IF SWALLOWED
R50-53: VERY TOXIC TO AQUATIC ORGANISMS; MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

S24: Avoid contact with skin

S37/38: Wear suitable protective gloves & eye/face protection
S61: Avoid release to the environment. Refer to special instructions / safety data sheet.

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

Complied using data submitted for the formulated product, raw materials and practical experience. This product is intended for professional users only.

Version: 02. Dated 29 March 2004

This Safety Data Sheet is prepared in compliance with Directives 2001/59/EC & 91/155/EEC (as amended)

The information given herein is, to the best of our knowledge, correct and is presented in good faith but no warranty, expressed or implied is given.