

**CPO+IPV WG 40,6(CU)+8,4B W****U-EU**Version 1 / EU
1020000131351/7
Revision Date: 04.11.2009
Print Date: 01.03.2011**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name CPO+IPV WG 40,6(CU)+8,4B W U-EU
Product code (UVP) 05761831
Usage Fungicide
Company Bayer CropScience AG
Alfred-Nobel-Straße 50
40789 Monheim am Rhein
Germany

Telefax +49(0)2173-38-7394
Responsible Department Material and Transport Safety Management
+49(0)2173-38-3409/3189 (during business hours only)
Email: INFO.EHS@bayercropscience.com

Emergency telephone number +49(0)2133-51-4233 (Sicherheitszentrale Dormagen, Bayer AG)

2. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

Irritating to eyes.
Harmful if swallowed.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Water dispersible granules (WG)
Iprovalicarb 8,4%, Copper 40,6%

Hazardous components

Chemical Name	CAS-No. / EC-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Copper oxychloride	1332-65-6 215-572-9	Xn, N	R20/22, R50/53	70,00
Iprovalicarb	140923-17-7			8,40
Alkylaryl sulfonate	91078-64-7 293-346-9	Xn	R20/22, R38, R41	>= 1,00
Lignin, reaction product with sodium sulfite and formaldehyde	105859-97-0	Xi	R36	> 1,00 - < 25,00

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

4. FIRST AID MEASURES**General advice**

Move out of dangerous area. Place and transport victim in stable position (lying sideways).



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Remove contaminated clothing immediately and dispose of safely.

Inhalation

Call a physician or poison control center immediately. Move to fresh air. Keep patient warm and at rest.

Skin contact

Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Ingestion

Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

Notes to Physician

Symptoms

gastro-intestinal irritation, Loss of fluid and electrolytes., Inhalation of large amounts of dust may lead to the formation of pyrogenic protein-copper conjugates, which may cause copper fume fever (cf. metal fume fever).

Treatment

In the event of a mouthful or more being ingested, the following measures should be considered:

To bind absorbed copper administer D-penicillamine. In case of allergy to penicillin, administer DMPS (Dimercaptopropane sulfonate). Carefully monitor the kidney functions.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray
Carbon dioxide (CO₂)
Foam
Sand

Specific hazards during fire fighting

In the event of fire the following may be released:

Hydrogen chloride (HCl)
Hydrogen cyanide (hydrocyanic acid)
Carbon monoxide (CO)
Nitrogen oxides (NO_x)

Special protective equipment for fire-fighters

In the event of fire and/or explosion do not breathe fumes.
In the event of fire, wear self-contained breathing apparatus.

Further information

Contain the spread of the fire-fighting media.
Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

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Avoid contact with spilled product or contaminated surfaces.
Use personal protective equipment.

Environmental Precautions

Do not allow to get into surface water, drains and ground water.

Methods for cleaning up

Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional Advice

Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

7. HANDLING AND STORAGE**Handling**

Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

Storage

Requirements for storage areas and containers

Store in original container.

Store in a place accessible by authorized persons only.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Temperature tolerance	min.	max.
	-20 °C	40 °C

Suitable materials

Aluminium composite film (min. 0,007 mm Aluminium)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis
lprovalicarb	140923-17-7	0,36 mg/m ³ (TWA)		OES BCS*

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory Protection

If product is handled while not enclosed, and if contact may occur:
Wear respirator with a particle filter mask (protection factor 10) conforming to European Norm EN149FFP2 or EN140P2 or equivalent.

Hand protection

Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when

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	contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.
Eye protection	Wear goggles conforming to EN166 (Field of Use 5 or equivalent).
Skin and body protection	Wear standard coverall and type 3 suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.
Hygiene measures	Avoid contact with skin, eyes and clothing. Keep working clothes separately. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt). Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	water-dispersible granules
Colour	olive-green to brown
Odour	weak, characteristic

Safety data

pH	8,5 - 9,5 at 1 % (23 °C)
Water solubility	dispersible

10. STABILITY AND REACTIVITY

Hazardous Reactions	No hazardous reactions when stored and handled according to prescribed instructions.
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11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 (rat) > 300 - < 2.000 mg/kg Test conducted with a similar formulation.
Acute Dermal Toxicity	LD50 (rat) > 2.000 mg/kg Test conducted with a similar formulation.
Skin Irritation	No skin irritation. (rabbit) Test conducted with a similar formulation.
Eye Irritation	Irritating to eyes. (rabbit) Test conducted with a similar formulation.

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Sensitization Non-sensitizing. (guinea pig)
OECD Test Guideline 406, Magnusson & Kligman test
Test conducted with a similar formulation.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to Fish LC50 (Rainbow trout (*Oncorhynchus mykiss*)) 0,162 mg/l
Exposure time: 96 h
Test conducted with a similar formulation.

Toxicity to daphnia EC50 (Water flea (*Daphnia magna*)) 2,7 mg/l
Exposure time: 48 h
Test conducted with a similar formulation.

Toxicity to algae EC50 (*Pseudokirchneriella subcapitata*) 0,307 mg/l
Growth rate; Exposure time: 72 h
Test conducted with a similar formulation.

13. DISPOSAL CONSIDERATIONS

Product

In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Waste key for the unused product

020108 agrochemical waste containing dangerous substances

14. TRANSPORT INFORMATION

ADR/RID/ADNR

UN-Number	3077
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER OXICHLORIDE, IPROVALICARB MIXTURE)
Tunnel Code	E

This classification is in principle not valid for carriage by tank vessel on inland waterways.
Please refer to the manufacturer for further information.

IMDG

UN-Number	3077
Labels	9
Packaging group	III
EmS	F-A , S-F
Marine pollutant	Marine Pollutant

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Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(COPPER OXICHLORIDE, IPROVALICARB MIXTURE)

IATA

UN-Number **3077**
Labels 9
Packaging group III
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(COPPER OXICHLORIDE, IPROVALICARB MIXTURE)

15. REGULATORY INFORMATION**Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.**

Classification:

Hazard warning labelling compulsory

Hazardous components which must be listed on the label:

- Copper oxychloride
- Iprovalicarb

Symbol(s)

Xn Harmful
N Dangerous for the environment

R-phrase(s)

R36 Irritating to eyes.
R22 Harmful if swallowed.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S35 This material and its container must be disposed of in a safe way.
S57 Use appropriate container to avoid environmental contamination.

Exceptional labelling

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

Further information

WHO-classification: III (Slightly hazardous)

16. OTHER INFORMATION**Further information**

Text of R-phrases mentioned in Section 3

R20/22 Harmful by inhalation and if swallowed.
R36 Irritating to eyes.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information given in this Data Sheet has been included in accordance with the guidelines



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established by Regulation (EC) 1907/2006. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.