


SAFETY DATA SHEET

according to 91/155/EEC

Date/revised on: 07.06.2005		page 1/4	
Version: 4			
Trade name: Wolmanit® C & T			
1 Substance/preparation and company name			
Trade name: Wolmanit® C & T			
Company: Dr. Wolman GmbH, Postfach 1160, D - 76545 Sinzheim			
Emergency information: Product Management		Tel. ++49 7221 800-0 or 800 – 234	
2 Composition/information on ingredients			
Chemical nature: Wood preservative based on copper and boron compounds as well as organic compounds			
Contains			
CAS number	Name	%	Classification R-phrases
60207-90-1	Propiconazol	0.23	Xn, N 22 – 43 – 50/53
12069-69-1	Copper hydroxide carbonate	2.18	Xn, N 20/22 – 51/53
10043-35-3	Boric acid	0.63	— —
3 Possible Hazards			
Principal hazard:			
			
Xi - Irritant			
Critical hazard to man and environment:			
R 36/37/38 Irritating to eyes, respiratory system and skin			
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment			
4 First aid measures			
General advice	Remove contaminated clothing immediately		
if inhaled:	—		
on skin contact:	Wash thoroughly with plenty of water and soap		
on contact with eyes:	Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist		
on ingestion:	Rinse mouth, seek medical attention		
5 Fire fighting measures			
Suitable extinguishing media:	Water, foam, powder, dry extinguishing media		
Extinguishing media not to be used:	—		
Special protective equipment:	No special measures necessary		

6 Accidental release measures

Personal precautions:	Ensure adequate ventilation
Environmental precautions:	Do not discharge into drains or into the soil
Methods for cleaning up:	Soak up with absorbent material. Prevent larger amount from spreading and pump into suitable container if possible

7 Handling and storage**Handling:**

The precautions generally taken with chemicals are to be observed when handling and applying the product. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke.

Storage:

Storage in original container tightly closed. Keep out of reach of children. Ensure thorough ventilation of storage and work areas. Protect from acids and acid forming substances.

VbF-class: —

8 Exposure controls and personal protection

Additional information on the lay-out of technical plant: see 7

Personal protective equipment:

Respiratory protection: Breathing protection if ventilations inadequate

Hand protection: Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chlorophene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

Eye protection: Tightly fitting safety goggles (EN 166)

Body protection: Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to DIN-EN 465).

General safety and hygiene measures:

Observe the precautions generally taken with chemicals

9 Physical and chemical properties

Form:	liquid
Colour:	clear
Odour:	weak
Melting point /melting range:	—
Boiling point / boiling range:	—
Flash point:	not applicable
Ignition temperature:	not applicable
Explosion limits:	no danger of explosion
Vapour pressure:	—
Density:	approx. 1.1 g/cm ³ at 20 °C
pH-value:	approx. 8.5 at 20°C and 20 g/l H ₂ O
Solubility in water:	miscible with water in each ratio
Viscosity:	18 mPa s (20 °C)

10 Stability and reactivity

Conditions to be avoided: Thermal decomposition > 250 °C
Substances to be avoided: —
Hazardous decomposition products: No decomposition if correctly stored and handled

11 Toxicological information

Acute toxicity:

LD₅₀ oral (rat): > 2000 mg/kg (calculated)

Irritating to eyes, respiratory system and skin

12 Ecological information

Ecotoxicity

- Toxicity to fish: LC₅₀ (96 h): 10 – 100 mg/l

General advice:
Observe the legal provisions regarding the prevention of pollution of ground and surface water as well as air and soil. Do not discharge product into natural waters without pre-treatment.

13 Disposal considerations

Product: Dispose of by special means in accordance with local regulations e.g. suitable incineration
Recommendations:

Contaminated packaging: After employing and appropriate cleaning containers can be recycled or given back to the producer
Recommendations:

14 Transport information**Land transport ADR/RID and GGVS/GGVE (international/national):**

Class: —

UN-number: —

Description of the good: —

Packaging group: —

Sea transport IMDG/GGVSee:

Class: —

UN-number: —

Proper shipping name: —

Packaging group: —

EMS-number: —

MFAg: —

Air transport ICAO-TI and IATA-DGR:

Class: —

UN-number: —

Proper shipping name: —

Packaging group: —

15 Regulatory information**Labelling according to EC Directives:**

Xi - Irritant

R 36/37/38

R 52/53

Irritating to eyes, respiratory system and skin

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S 2

S 13

S 20/21

S 45

Keep out of reach of children

Keep away from food, drink and animal feeding stuffs

When using do not eat, drink or smoke

In case of accident or if you feel unwell, seek medical advice (show the label when possible)

National legislation / regulations:**VbF classification:** —**Water hazard class:** WGK 2 – water hazardous (self-classification – Germany)**16 Other information**

All information is given in conjunction with the Technical Leaflet. The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.