



SAFETY DATA SHEET

according to 91/155/EEC

Date/revised on: 06.09.2004	page 1/4			
Version: 3				
Trade name: Wolmanit® FKZ gelb 2202				
1 Substance/preparation and company name				
Trade name: Wolmanit® FKZ gelb 2202				
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: Liquid concentrate for the colouration of wood — diluable with water				
Contains				
CAS number	Name	%	Classification	R-phrases
—	Yellow 21	15 - 25	T, N	25, 38, 41, 50/53
107-21-1	Ethandiol	> 40	Xn	22
3 Possible Hazards				
Principal hazard:				
				
Xn – Harmful	N – Dangerous for the environment			
Critical hazard to man and environment:				
R 22	Harmful if swallowed			
R 36	Irritating to eyes			
R 51/53	Toxic 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:	Keep patient calm, remove to fresh air			
on skin contact:	Immediately wash thoroughly with plenty of water			
on contact with eyes:	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist			
on ingestion:	Rinse mouth immediately and then drink plenty of water, seek medical attention			
5 Fire fighting measures				
Suitable extinguishing media:	Water, foam, powder, dry extinguishing media, CO ₂			
Extinguishing media not to be used:	—			
Special protective equipment:	In case of fire, wear a self contained breathing apparatus			

6 Accidental release measures

Personal precautions:	Breathing protection required
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:

Store in original container in a dry and cool place (0°C - 40 °C) - frost sensitive. Keep out of reach of children. Ensure thorough ventilation of storage and work areas.

VbF-class: —

8 Exposure controls and personal protection**Additional information on the lay-out of technical plant:** see 7

CAS-Nr.	Name	Type	Value	Unit	Addition
107-21-1	Ethandiol	MAK	26	mg/m ³	—

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:	yellowish
Odour:	specific
Melting point /melting range:	—
Boiling point / boiling range:	approx. 100 °C
Flash point:	> 100 °C (DIN 51758)
Ignition temperature:	—
Explosion limits:	—
Vapour pressure:	17 hPa (20 °C)
Density:	1.1 g/cm ³ at 20 °C
pH-value:	5 – 7 (100 g/l)
Solubility in water:	miscible
Viscosity:	20 – 100 mPa s (23 °C)

10 Stability and reactivity

Conditions to be avoided: —
Substances to be avoided: —
Hazardous decomposition products: No decomposition if correctly stored and handled

11 Toxicological information

Acute toxicity:

LD₅₀ oral (rat): 1200 mg/kg
Skin irritation (rabbit): not irritant
Irritation of the mucous membrane (rabbit): irritant
Risk of serious damage to eyes

12 Ecological information

Ecotoxicity

- Toxicity to fish: LC₅₀ (96 h): > 100 mg/l
- Aquatic invertebrates: Daphnia magna NOEC (48 d): 1- 10 mg/l
- Microorganisms/Effect on activated sludge: EC₅₀ (3 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:
Recommendations: Dispose of by special means in accordance with local regulations e.g. suitable incineration

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

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14 Transport information

Land transport ADR/RID and GGVS/GGVE (international/national):

Class: 9
UN-number: 3082
Description of the good: Environmentally hazardous substance, liquid, n.o.s. (Methine dye Stuff)
Packaging group: III

Sea transport IMDG/GGVSee:

Class: 9
UN-number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Methine dye Stuff)
Packaging group: III
EMS-number: F-A, S-F
MFAG: —

Air transport ICAO-TI and IATA-DGR:

Class: 9
UN-number: 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Methide dye Stuff)
Packaging group: III

15 Regulatory information

Labelling according to EC Directives:

Xn – Harmful

N – Dangerous for the environment

R 22 Harmful if swallowed
R 36 Irritating to eyes
R 51/53 Risk of serious damage to eyes
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 39 Wear eye/face protection
S 61 Avoid release to the environment. Refer to instructions/safety data sheets

National legislation / regulations:

VbF classification: —

Water hazard class: WGK 3 -high 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.