

Date of issue: 26.11.2020 Replaces Data Sheet of: 08.07.2020
 "*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**
Trade Name: Bacoban WB
Article No.: X-BACWB1D, X-BACWB
Preparation No.: n.av.
Registration No.: n.ap.
UFI - Code: n.av.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: Flächendesinfektionsmittel mit Langzeitwirkung
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 Ropimex, R. Opel GmbH, Bildstocker Str. 12-14, 66538 Neunkirchen, D-
 Telephone: +49-6821 – 912 77 - 0, Telefax: +49-6821 – 912 77 - 49, E-Mail: info@ropimex.com
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking National Poisons Information Service
 Telephone: +49-6821 – 912 77 - 0 (9.00 – 16.00) Telephone: +44 121 507 4123

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
 Acute Tox. 4; H302 / Skin Corr. 1; H314 / Aquatic Acute 1; H400
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: Yes.
 Applicable Exemptions: No.
 Signal word(s): Danger
 Component(s): Contains 2,2'-Oxydiethanol; Quaternäre Ammoniumverbindungen, Benzyl-C12-16-alkyldimethyl-, chloride.
 Hazard pictogram(s):
- H - Phrases:**
 H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.
 H400: Very toxic to aquatic life.
- P - Phrases:**
 P102: Keep out of reach of children.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P310: Immediately call a POISON CENTER/doctor.
 P501: Dispose of contents / container to municipal collection point.
- Additional Markings:
 EUH208: Contains Linalool. May produce an allergic reaction.
- EUH070: Toxic by eye contact. Pyridin-2-thiol-1-oxid, Natriumsalz tactile warning of danger, child resistant fastenings.
 The above mentioned labelling is valid for distribution to public use. & industrial user
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.



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SECTION 3: Composition/information on ingredients3.1 **Substances**

n.ap.

3.2 **Mixtures****Chemical Characterisation:**

Aqueous solution of biocides

Dangerous Ingredients:

Material	Index - No.	EC - No.	REACH - No.	m% - range
CAS - No. Hazard Code(s) / H - phrases				
2,2'-Oxydiethanol 111-46-6 Acute Tox. 4 *; H302	603-140-00-6	203-872-2	01-2119457857-21-xxxx	25 - 30%
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides 68424-85-1 Acute Tox. 4; H302 / Acute Tox. 4; H312 / Skin Corr. 1; H314 / Aquatic Acute 1; H400 M = 10	(612-140-00-5)	270-325-2	01-2119983287-23-xxxx	26%
Pyridine-2-thiol 1-oxide, sodium salt 3811-73-2 Acute Tox. 4; H302 / Acute Tox. 4; H312 / Acute Tox. 4; H332 / Skin Irrit. 2; H315 / STOT RE 2; H373 / Aquatic Acute 1; H400	n.av.	223-296-5	01-2119493385-28-xxxx	2,5%
Acetic Acid..% 64-19-7 Flam. Liq. 3; H226 / Skin Corr. 1A; H314	607-002-00-6	200-580-7	01-2119475328-30-xxxx	1 - 2,5%
Linalool [1] 78-70-6 Skin Sens. 1; H317	603-235-00-2	201-134-4	01-2119474016-42-xxxx	0,1 - 1%

Text of H - phrases: see section 16

m% - range: $x - y \triangleq x \geq - < y$ **SECTION 4: First aid measures**4.1 **Description of first aid measures**4.1.1 **Inhalation:**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

4.1.2 **Skin Contact:**

Take off all contaminated clothing immediately. Wash off immediately with plenty of water. Summon a doctor immediately.

4.1.3 **Eye Contact:**

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

4.1.4 **Ingestion:**

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Call a physician immediately. Show this safety data sheet to the doctor in attendance.

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

None known.

4.3 **Indication of any immediate medical attention and special treatment needed**

Treat symptomatically. First aid measures refer to professional use

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SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**
Use dry chemical, CO₂, water spray or "alcohol" foam.
- 5.1.2 **Extinguishing Media to Avoid:**
high volume water jet.
- 5.2 **Special hazards arising from the substance or mixture**
In the event of fire the following can be released: Carbon oxides, nitrogen oxides (NO_x), Hydrogen chloride gas.
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Contaminated surfaces will be extremely slippery.
- 6.2 **Environmental precautions**
Do not contaminate water. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
Normal measures for preventive fire protection.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
Keep container tightly closed in a dry and well-ventilated place. Keep eyewash bottle ready.
- 7.2.2 **Store away from:**
Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.3 **Specific end use(s)**
n.av.

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Material**

2,2'-Oxydiethanol
Pyridine-2-thiol 1-oxide, sodium salt
Acetic Acid

Limit Value

10 ppm | 44 mg/m³
1 mg/m³
10 ppm | 25 mg/m³

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Ensure adequate ventilation.

8.2.2 Individual protection measures

8.2.2a Respiratory Protection: not required under normal use.

8.2.2b Hand Protection: Protective gloves complying with EN 374.

butyl-rubber > 0,5 mm; Break through time > 8h.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c Eye Protection: safety glasses with side-shields conforming to EN166

8.2.2d Skin Protection: protective suit

8.2.2e Further Information: Observe wearing time limits:

8.2.3 Environmental exposure controls:

n.av.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

9.1.1 Form: liquid **Colour:** yellow- brown **Odour:** nach perfumes

Odour threshold: n.av.

9.1.2 pH-value, undiluted: 5,5

pH-value, 1% aqueous solution: n.av.

9.1.3 Boiling point / Boiling - range (°C): n.av., **Melting point / Melting range (°C):** n.av.

9.1.4 Flash point (°C): > 100, closed cup

9.1.5 Flammability (EEC A10/A13): No.

9.1.6 Ignition temperature (°C): n.av.

9.1.7 Autoflammability (EEC A16): n.av.

9.1.8 Oxidising properties: No.

9.1.9 Explosion hazard: No.

9.1.10 Explosion limits (Vol.%) lower: n.av., upper: n.av.

9.1.11 Vapour pressure: n.av.

Vapour density (Air = 1): n.av.

9.1.12 Density (g/ml): 1,067

9.1.13 Solubility (in Water): miscible **Soluble in:**

9.1.14 Partition coefficient, n-Octanol / Water: n.av.

9.1.15 Viscosity: 39 – 45 mPa*s (20°C)

9.1.16 Solvent content (m %): 20 – 30

9.1.17 Thermal decomposition (°C): n.av.

9.1.18 Evaporation rate: n.av.

9.2 Other information

n.av.

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SECTION 10: Stability and reactivity

- 10.1 **Reactivity**
None.
- 10.2 **Chemical stability**
Stable under normal conditions.
- 10.3 **Possibility of hazardous reactions**
No dangerous reaction known under conditions of normal use.
- 10.4 **Conditions to avoid**
No conditions to be specially mentioned.
- 10.5 **Incompatible materials**
Incompatible with oxidizing agents.
- 10.6 **Hazardous decomposition products**
No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information

- 11.1 **Information on toxicological effects**
Acute Health Effects:
Inhalation: n.av.
Ingestion: ATE_{mix}: 843 mg/Kg
Benzalkonium Chloride: LD₅₀/oral/Ratte =447 mg/Kg
Sodium pyrithione: LD₅₀/oral/Ratte =660 – 1500 mg/Kg

Skin Contact:
ATE_{mix}: > 5000 mg/Kg
Benzalkonium Chloride: LD₅₀/dermal/Ratte =1560 mg/Kg;
Sodium pyrithione: LD₅₀/dermal/Ratte => 2000 mg/Kg

Skin corrosion / irritation: Causes severe burns.
Serious eye damage / irritation: Causes serious eye damage.
EUH070: Toxic by eye contact.

Respiratory or skin sensitisation: May cause an allergic skin reaction.
Germ cell mutagenicity: n.av.
Carcinogenicity: n.av.
Reproductive toxicity: n.av.
STOT-single exposure: n.av.
STOT-repeated exposure: n.av.
Aspiration hazard: n.av.
- 11.1.1 – **Practical Experience**
- 11.1.11 n.av.
- 11.1.12 Practical Experience
Observations relevant for classification:
None.
Further Observations:
None.
Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information

- 12.1 **Toxicity**
Very toxic to aquatic organisms.
Benzalkonium Chloride. EC₅₀/48Std./Daphnia =0,0059 -0,052 mg/l,
LC₅₀ / 96h/ Oncorhynchus mykiss (Regenbogenforelle) = 0,923 mg / l,
EC₅₀/72Std./Alge =0,8 mg/L.

Sodium pyrithione: LC₅₀ /96h/ Oncorhynchus mykiss: 0,0072 mg/L;
EC₅₀ /48h/water flea: 0,022 mg/L;
EC₅₀ /72h/ Pseudokirchneriella subcapitata: 0,46 mg/L
- 12.2 **Persistence and degradability**
No data is available on the product itself.
- 12.3 **Bioaccumulative potential**
n.av.
- 12.4 **Mobility in soil**
n.av.
- 12.5 **Results of PBT and vPvB assessment**
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**

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12.6.1	COD-Value, mg/g:	n.av.
12.6.2	BOD5-Value, mg/g:	n.av.
12.6.3	AOX-Remarks:	The product contains organic halogens.
12.6.4	Significant Components:	None.
12.6.5	Other adverse effects:	Not applicable.

SECTION 13: Disposal considerations

13.1 Waste treatment methods




13.1.1 Recommendation: D 10 / R 4
Waste - Code - No.: 07 06 04*
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
13.2.2 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

SECTION 14: Transport information

	ADR	IMDG	IATA
14.1	UN number		
	1903	1903	1903
14.2	UN proper shipping name		
	UN 1903 Disinfectant, liquid, corrosive n.o.s. (contains: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Pyridine-2-thiol 1-oxide, sodium salt)	Disinfectant, liquid, corrosive n.o.s. (contains: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Pyridine-2-thiol 1-oxide, sodium salt) & MARINE POLLUTANT	Disinfectant, liquid, corrosive n.o.s. (contains: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Pyridine-2-thiol 1-oxide, sodium salt)
14.3	Transport hazard class(es)		
	8 	8 	8 
14.4	Packing group		
	III	III	III
14.5	Environmental hazards		
		Yes.	
14.6	Special precautions for user		
	Transport category: 3 Classification Code: C9 Hazard - No.: 80 LQ: 5 L	F-A, S-B	Packing Instructions (Passenger) 852 Packing Instructions (Cargo) 856
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
		n.av.	

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SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
n.ap.

SECTION 16: Other information**Text of H phrases mentioned in Section 3**

EUH070: Toxic by eye contact.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H332: Harmful if inhaled.
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400: Very toxic to aquatic life.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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