

Date of issue: 26.11.2020 Replaces Data Sheet of: 06.08.2019
 "*" 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 DL3%
Article No.: X-BAC500DL, X-BACDLTUE / X-BAC3DL1
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**
 n.ap.
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: No.
 Applicable Exemptions:
 Signal word(s): Hazard pictogram(s):
 Component(s):
- H - Phrases:**
- P - Phrases:**
 P102: Keep out of reach of children.
- Additional Markings:
 EUH210: Safety data sheet available on request.
- 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.

For more information contact Frasers Aerospace
www.frasersaerospace.com



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SECTION 3: Composition/information on ingredients

3.1 **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				
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides				0,26%
68424-85-1	(612-140-00-5)	270-325-2	01-2119983287-23-xxxx	
Acute Tox. 4; H302 / Acute Tox. 4; H312 / Skin Corr. 1; H314 / Aquatic Acute 1; H400 M = 10				
Pyridine-2-thiol 1-oxide, sodium salt				0,025%
3811-73-2	n.av.	223-296-5	01-2119493385-28-xxxx	
Acute Tox. 4; H302 / Acute Tox. 4; H312 / Acute Tox. 4; H332 / Skin Irrit. 2; H315 / STOT RE 2; H373 / Aquatic Acute 1; H400				

Text of H - phrases: see section 16

m% - range: x - y ≙ x ≥ - < 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 fumes from overheating or combustion. If symptoms persist, call a physician.

4.1.2 **Skin Contact:**

Wash off with soap and water. In the case of skin irritation or allergic reactions see a physician.

4.1.3 **Eye Contact:**

Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

4.1.4 **Ingestion:**

Rinse mouth out and drink plenty of water afterwards. Do not cause vomiting. Consult a physician for severe cases.

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.

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 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.

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SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
- 6.2 **Environmental precautions**
Do not contaminate water. Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
Sweep up or vacuum up spillage and collect in suitable container 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 eyes and skin. When using do not eat, drink or smoke. Wash hands before breaks and after work. Remove contaminated, saturated clothing immediately.
 - 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 containers tightly closed in a dry, cool and well-ventilated place. Avoid subsoil penetration.
 - 7.2.2 **Store away from:**
Store away from oxidising agents.
 - 7.2.3 **Further Information on Storage Conditions:**
temperatures above 0°C.
- 7.3 **Specific end use(s)**
n.av.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**

Material	Limit Value
Pyridine-2-thiol 1-oxide, sodium salt	1 mg/m ³
- 8.2 **Exposure controls**
 - 8.2.1 **Appropriate engineering controls**
Provide appropriate exhaust ventilation at machinery.
 - 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.
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:** No.
 - 8.2.2e **Further Information:** Observe wearing time limits:
 - 8.2.3 **Environmental exposure controls:**
n.av.

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SECTION 9: Physical and chemical properties9.1 **Information on basic physical and chemical properties**

9.1.1	Form: liquid	Colour: colourless	Odour: nach perfumes
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	7	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	~ 100, Melting point / Melting range (°C): ~ 0	
9.1.4	Flash point (°C):	n.ap., closed cup	
9.1.5	Flammability (EEC A10/A13):	No.	
9.1.6	Ignition temperature (°C):	n.ap.	
9.1.7	Autoflammability (EEC A16):	n.ap.	
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	
9.1.13	Solubility (in Water):	miscible	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	1,5 – 2,5 mPa*s (20°C)	
9.1.16	Solvent content (m %):	< 1	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	Other information		
	n.av.		

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
	Reactions with strong oxidising agents.
10.6	Hazardous decomposition products
	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute Health Effects:	
Inhalation:	n.av.
Ingestion:	ATE _{mix} : >10000 mg/Kg
Skin Contact:	n.av.
Skin corrosion / irritation:	May cause skin irritation in susceptible persons.
Serious eye damage / irritation:	May cause eye irritation with susceptible persons.
Respiratory or skin sensitisation:	n.av.
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**

We have no quantitative data concerning the ecological effects of this product.

Benzalkonium Chloride.	EC ₅₀ /48Std./Daphnia =0,0059 -0,052 mg/l, LC ₅₀ / 96h/ Oncorhynchus mykiss (Regenbogenforelle) = 0,923 mg / l, EC ₅₀ /72Std./Alge =0,8 mg/L.
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12.02.20 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

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: D10	Waste - Code - No.: 07 06 01* The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
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In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation:	Wash with suitable cleaner. Otherwise as described under Residues. Offer rinsed packaging material to local recycling facilities.
13.2.2 Safe Handling:	As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

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SECTION 14: Transport information

	ADR Not classified as dangerous in the meaning of transport regulations.	IMDG Not classified as dangerous in the meaning of transport regulations.	IATA Not classified as dangerous in the meaning of transport regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

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.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
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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