

BACTISAN
EVAPORATOR DISINFECTANT**0077**

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.



Xi : Irritant

9 : Miscellaneous
dangerous substances
and articles.**Danger****Responsible for distribution**Scorpion Climate
Unit 3 Deanland Business Park
Deanland Road, Golden Cross
BN27 3RP East Sussex United Kingdom**SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**Identification of the product : Liquid.
Trade name : BACTISAN
Type of product : Disinfectant.**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use : See product bulletin for detailed information.

1.3. Details of the supplier of the safety data sheetCompany identification : Bio Services International
Jagershoek 13
8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.beProducer : Bio Services International
Jagershoek 13
8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be

Responsible for placing on the market : See distributor.

1.4. Emergency telephone number

Emergency phone nr : B 0032.70.245.245//F 0033.(0)383.32.36.36//0033.(0)1.40.05.48.48

SECTION 2 Hazards identification**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45****Bio Services International**Jagershoek 13 8570 Vichte Belgique-Belgie
Tel : 00.32.56.77.24.34 Ma-Vr 8-12u /13-17u
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SECTION 2 Hazards identification (continued)

Classification : Xi; R38-41
N; R50

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

- **Health hazards** : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
Serious eye damage - Category 1 - Danger - (CLP : Eye Dam. 1) - H318
- **Environmental hazards** : Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning - (CLP : Aquatic Acute 1) - H400

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)



- R Phrase(s)** : Xi : Irritant
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
R50 : Very toxic to aquatic organisms.
- S Phrase(s)** : S2 : Keep out of the reach of children.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 : If swallowed seek medical advice immediately and show this container or label.

Labelling Regulation EC 1272/2008 (CLP)

• **Hazard pictograms**



- **Hazard pictograms** : GHS05 - GHS09
- **Signal words** : Danger
- **Hazard statements** : H318 - Causes serious eye damage
H315 - Causes skin irritation
H400 - Very toxic to aquatic life

• **Pictograms (Precautionary statements)**



• **Precautionary statements**

- General** : P102 - Keep out of reach of children.
- Prevention** : P273 - Avoid release to the environment
P280G - Wear protective gloves.
- Response** : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
- Disposal considerations** : P501B - Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards

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SECTION 2 Hazards identification (continued)

Other hazards : None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation : Preparation.

3.1./3.2. Substance / Preparation

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Propan-2-ol	: Between 1 and 10 %	67-63-0	200-661-7	603-117-00-0	01-2119457558-25-0000	F: R11 R67 Xi; R36 ----- Flam. Liq. 2;H225 Eye Irrit. 2;H319 Not CLP
Didecyldimethylammonium chloride	: Between 1 and 10 %	7173-51-5	230-525-2	612-131-00-6	----	R10 Xn; R22 R67 C; R34 N; R50 ----- Skin Corr. 1B;H314 Acute Tox. 3 (Oral);H301 Aquatic Acute 1;H400 (M fact. = 10)

SECTION 4 First aid measures

4.1. Description of first aid measures

First aid measures

- **Inhalation** : Assure fresh air breathing. If you feel unwell, seek medical advice.
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- **Ingestion** : Do not induce vomiting.
Call a physician.
Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Extinguishing media : All extinguishing media can be used.

5.2. Special hazards arising from the substance or mixture

Specific hazards : When heated to decomposition, emits toxic fumes.

5.3. Advice for firefighters

Flammable class : Not combustible.

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SECTION 5 Firefighting measures (continued)

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Avoid (reject) fire-fighting water to enter environment.
Exercise caution when fighting any chemical fire.

SECTION 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

- Personal precautions** : Spill area may be slippery.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

No data available.

- Clean up methods** : Collect spills and put it into appropriated container.

6.4. Reference to other sections

See Heading 8.

No data available.

SECTION 7 Handling and storage**7.1. Precautions for safe handling**

- Handling** : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

- Personal protection** : Handling and storage of this material do not require special precaution.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep container closed when not in use.

7.3. Specific end use(s)

Not applicable.

No data available.

- Decontamination Procedures** : Wash clothing before re-using.

SECTION 8 Exposure controls/personal protection**8.1. Control parameters**

Propan-2-ol : OEL (UK)-LTEL [ppm] : 400

Propan-2-ol : OEL (UK)-STEL [ppm] : 500

8.2. Exposure controls

- Occupational Exposure Limits** : Propan-2-ol : OEL (UK)-LTEL [ppm] : 400

Propan-2-ol : OEL (UK)-STEL [ppm] : 500

Personal protection

- Respiratory protection** : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

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SECTION 8 Exposure controls/personal protection (continued)

- Skin protection : In case of possible repeated skin contact wear protective clothing.
- Eye protection : Safety glasses.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Ingestion : When using, do not eat, drink or smoke.

SECTION 9 Physical and chemical properties**9.1. Information on basic physical and chemical properties****9.1.a. Appearance****Physical state at 20 °C** : Liquid.**Colour** : Colourless.**9.1.b. Odour****Odour** : Barely perceptible.**9.1.c. Odour threshold** : No data available.**9.1.d. pH** : No data available.**pH value** : Not applicable.**9.1.e. Melting point / Freezing point** : No data available.**9.1.f. Initial boiling point - boiling range** : No data available.**Boiling point [°C]** : 100**9.1.g. Flash point** : No data available.**Flash point [°C]** : Not applicable.**9.1.h. Evaporation rate** : No data available.**9.1.i. Flammability** : No data available.**9.1.j. Explosion limits (lower - upper)** : No data available.**9.1.k. Vapour pressure** : No data available.**9.1.l. Vapour density** : No data available.**9.1.m. Relative density** : No data available.**Density** : 0.994**9.1.n. Solubility****Solubility in water** : Complete.**9.1.o. Partition coefficient : n-octanol / water** : No data available.**9.1.p. Auto-ignition temperature** : No data available.**9.1.q. Thermal decomposition** : No data available.**9.1.r. Viscosity** : No data available.**9.1.s. Explosive Properties** : No data available.**9.1.t. Oxidising properties** : No data available.**9.2. Other information**

No data available.

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SAFETY DATA SHEET

Page : 6 / 9

Revised edition no : 1

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SECTION 10 Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

Materials to avoid : None.

10.6. Hazardous decomposition products

No data available.

Hazardous decomposition products : On exposure to high temperature, may decompose, releasing toxic gases. HCl, CO, CO₂

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information : Irritating to eyes. Irritating to respiratory system. Irritating to skin.

Acute toxicity

- **Inhalation** : Irritation of the respiratory tract and the other mucous membranes.

- **Dermal** : Skin irritation.

- **Ocular** : Eye irritation.

SECTION 12 Ecological information

12.1. Toxicity

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

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SECTION 12 Ecological information (continued)

No data available.

Ecological effects information : No data available.

WGK class (Germany) : 3

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

General : Dispose in a safe manner in accordance with local/national regulations.

Industrial waste number : 014

SECTION 14 Transport information

General information

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

Other : None.

15.2. Chemical safety assessment

No data available.

SECTION 16 Other information

List of relevant R phrases (§ 3) : R10 : Flammable.
R11 : Highly flammable.
R22 : Harmful if swallowed.
R34 : Causes burns.
R36 : Irritating to eyes.
R50 : Very toxic to aquatic organisms.
R67 : Vapours may cause drowsiness and dizziness.

List of relevant H phrases (Section 3) : H225 - Highly flammable liquid and vapour
H301 - Toxic if swallowed
H314 - Causes severe skin burns and eye damage
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H400 - Very toxic to aquatic life

GHS information (for internal use only)

Further information : None.

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GHS Category Determination according to Profile table

=====

- Category : SKCO-2 : CLP: SKIN IRRITATION-Cat.2 (H315)

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Page : 8 / 9

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SECTION 16 Other information (continued)

- Category : EYDA-1 : CLP: EYE DAMAGE-Cat.1 (H318)
- Category : AEAH-1 : CLP: HAZ. AQU. ENVIR.-ACUTE-Cat.1 (H400)

GHS Conventional Method Calculation
=====

*** GHS Specific Concentration Limits --- SCL : No substance with SCL

*** GHS Concentration Limits with cut-off : Cut-off values

*** Normal concentration limits for Very corrosive substances : No very corrosive substances present in the mixture.

- GHS cat. not taken into account (or removed) STDD-3 : LIS: STOT Drowsiness-dizziness-Cat.3 (H336_W) (Propan-2-ol : ratio = 0.0895 - no summation)
- Add (or keep) GHS cat.AEAH-1 : CLP: HAZ. AQU. ENVIR.-ACUTE-Cat.1 (H400) (ratio = 1.8600 - summation)
- Add (or keep) GHS cat.AEAH-2 : GHS: HAZ. AQU. ENVIR.-ACUTE-Cat.2 (H401) (ratio = 18.6000 - summation)
- Add (or keep) GHS cat.AEAH-3 : GHS: HAZ. AQU. ENVIR.-ACUTE-Cat.3 (H402) (ratio = 186.0000 - summation)
- Add (or keep) GHS cat.EYDA-1 : CLP: EYE DAMAGE-Cat.1 (H318) (ratio = 1.5500 - summation)
- Add (or keep) GHS cat.EYDA-2A : CLP: EYE IRRITATION-Cat.2 (H319) (ratio = 4.8290 - summation)
- Remove all GHS cat. related to GHS cat. EYDA-2B : GHS: EYE IRRITATION-Cat.2B (H320A) (ratio = 0.1790 - summation)
- Remove all GHS cat. related to GHS cat. SKCO-1B : CLP: SKIN CORROSION-Cat.1B (H314) (ratio = 0.9300 - summation)
- Add (or keep) GHS cat.SKCO-2 : CLP: SKIN IRRITATION-Cat.2 (H315) (ratio = 4.6500 - summation)

GHS Category Determination according to experimental values - Acute Toxicity
=====

- AT Oral LD50 : GHS Category Determination according to experimental values - Acute and Chronic Toxicity - Aquatic environment
- AT Dermal LD50 : GHS Category Determination according to experimental values - Acute and Chronic Toxicity - Aquatic environment
- AT Inhalation LC50
not applicable (Mixture does not generate particules, gas or vapour). No Inhalation Acute Toxicity category even if a category exists according to the Profile table.

GHS Category Determination according to experimental values - Acute and Chronic Toxicity - Aquatic environment
=====

- AT LC50 Environment : Not defined (category from Profile table remained, if it exists)

GHS Category Determination according to other experimental values
=====

none (according to experimental values)

SPECIAL CASES - according to setting
=====

DISCLAIMER OF LIABILITY



SAFETY DATA SHEET

Page : 9 / 9

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SECTION 16 Other information (continued)

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document

Bio Services International

Jagershoek 13 8570 Vichte Belgique-Belgie

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