

BACTISAN (aerosol)
EVAPORATOR DISINFECTANT**0078**

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

F⁺ : Extremely flammable

2.1: Flammable gases

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 (aerosol)
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 sheet

Company 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.be

Producer : 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
Fax : 00.32.56.77.24.35
E-mail : bernard@bioservice.be

BACTISAN (aerosol) EVAPORATOR DISINFECTANT

0078

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

SECTION 2 Hazards identification (continued)

Classification : F+; R12

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

• **Physical hazards** : Flammable aerosols - Category 1 - Danger - (CLP : Flam. Aerosol 1) - H222

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)



R Phrase(s)

: F+ : Extremely flammable

: R12 : Extremely flammable.

S Phrase(s)

: S2 : Keep out of the reach of children.

: S23 : Do not breathe spray.

: S46 : If swallowed seek medical advice immediately and show this container or label.

: S51 : Use only in well-ventilated areas.

Labelling Regulation EC 1272/2008 (CLP)

• **Hazard pictograms**



• **Hazard pictograms**

: GHS02

• **Signal words**

: Danger

• **Hazard statements**

: H222 - Extremely flammable aerosol

• **Pictograms (Precautionary statements)**



• **Precautionary statements**

General

: P102 - Keep out of reach of children.

Prevention

: P211 - Do not spray on an open flame or other ignition source

: P210 - Keep away from sources of ignition - No smoking.

Storage

: P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F

Disposal considerations

: P501B - Dispose in a safe manner in accordance with local/national regulations.

2.3. Other hazards

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.

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

BACTISAN (aerosol) EVAPORATOR DISINFECTANT

0078

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

SECTION 4 First aid measures

First aid measures

- Inhalation : Assure fresh air breathing.
- Skin contact : Not expected to require first aid measures.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Do not induce vomiting.

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

- Extinguishing media : All extinguishing media can be used.
- Flammable class : Not combustible.
- Protection against fire : Wear proper protective equipment.
- Special procedures : Avoid (reject) fire-fighting water to enter environment.

SECTION 6 Accidental release measures

- 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

No data available.

SECTION 7 Handling and storage

- 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.

- Storage : Keep container closed when not in use.

7.3. Specific end use(s)

No data available.

- Decontamination Procedures : Wash clothing before re-using.

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

BACTISAN (aerosol)
EVAPORATOR DISINFECTANT**0078**

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

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

Butane n- : TLV[©] -TWA [ppm] : 800
Butane n- : OEL (UK)-LTEL [ppm] : 600
Butane n- : OEL (UK)-STEL [ppm] : 750
Butane n- : VME - France [ppm] : 800
Butane n- : MAK - Germany [ppm] : 1000
Propane : TLV[©] -TWA [ppm] : 2500
Propane : MAK - Germany [ppm] : 1000
Propan-2-ol : OEL (UK)-LTEL [ppm] : 400
Propan-2-ol : OEL (UK)-STEL [ppm] : 500

8.2. Exposure controls

Occupational Exposure Limits : Butane n- : TLV[©] -TWA [ppm] : 800
Butane n- : OEL (UK)-LTEL [ppm] : 600
Butane n- : OEL (UK)-STEL [ppm] : 750
Butane n- : VME - France [ppm] : 800
Butane n- : MAK - Germany [ppm] : 1000
Propane : TLV[©] -TWA [ppm] : 2500
Propane : MAK - Germany [ppm] : 1000
Propan-2-ol : OEL (UK)-LTEL [ppm] : 400
Propan-2-ol : OEL (UK)-STEL [ppm] : 500

Personal protection

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

SECTION 9 Physical and chemical properties

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.

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

BACTISAN (aerosol)
EVAPORATOR DISINFECTANT

0078

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

SECTION 9 Physical and chemical properties (continued)

- 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 : 0.998
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.

SECTION 10 Stability and reactivity

Stable under normal conditions.

No data available.

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

No data available.

No data available.

Materials to avoid : None.

No data available.

SECTION 11 Toxicological information

Acute toxicity

- Inhalation : Irritation of the respiratory tract and the other mucous membranes.
- Dermal : Skin irritation.
- Ocular : Eye irritation.

SECTION 12 Ecological information

No data available.

No data available.

No data available.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

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

BACTISAN (aerosol)
EVAPORATOR DISINFECTANT**0078**

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

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****14.1. UN number**

1950

14.2. UN proper shipping name

: AEROSOLS

14.3. Transport hazard class(es)

Labelling



2

- Limited Quantity : 1 L**14.4. Packing group**

F

14.5. Environmental hazards**14.6. Special precautions for user****Other transport information** : 3
333 KG**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****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.

Biocide list : Didecyldimethylammonium chloride : 0.25 %**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



SAFETY DATA SHEET

Page : 7 / 8

Revised edition no : 1

Date : 7 / 7 / 2014

Supersedes : 27 / 6 / 2014

BACTISAN (aerosol)
EVAPORATOR DISINFECTANT

0078

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

SECTION 16 Other information

GHS information (for internal use only)

Further information : None.

Revision : 1

Print date : 7 / 7 / 2014

GHS Category Determination according to Profile table

=====

- Category : FLAE-1 : CLP: FLAMMABLE AEROSOLS-Cat.1 (H222)

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 = 0.0055 - no summation)

• Remove all GHS cat. related to GHS cat. EYDA-1 : CLP: EYE DAMAGE-Cat.1 (H318) (ratio = 0.0833 - summation)

• Remove all GHS cat. related to GHS cat. EYDA-2A : CLP: EYE IRRITATION-Cat.2 (H319) (ratio = 0.2610 - summation)

• Remove all GHS cat. related to GHS cat. EYDA-2B : GHS: EYE IRRITATION-Cat.2B (H320A) (ratio = 0.2610 - summation)

• Remove all GHS cat. related to GHS cat. SKCO-1B : CLP: SKIN CORROSION-Cat.1B (H314) (ratio = 0.0500 - summation)

• Remove all GHS cat. related to GHS cat. SKCO-2 : CLP: SKIN IRRITATION-Cat.2 (H315) (ratio = 0.2500 - 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

=====

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



SAFETY DATA SHEET

Page : 8 / 8

Revised edition no : 1

Date : 7 / 7 / 2014

Supersedes : 27 / 6 / 2014

BACTISAN (aerosol)
EVAPORATOR DISINFECTANT

0078

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

SECTION 16 Other information (continued)

DISCLAIMER OF LIABILITY

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

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