

# SAFETY DATA SHEET

BIOCIDE SPRAY



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Revision No: 4

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** BIOCIDE SPRAY

**Product code:** GVB250

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

### 1.3. Details of the supplier of the safety data sheet

**Company name:** GV Health Ltd

1 Centrus, Mead Lane

Hertford

Herts

SG137GX

**Tel:** +44 (0)1920 463 098 **Fax:** +44 (0)1920 484 664

**Email:** [www.gvhealth.com](http://www.gvhealth.com)

### 1.4. Emergency telephone number

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Emergency tel:** +44 (0)1920 463 098

**Classification under CLP:** Aquatic Chronic 3: H412; Acute Tox. 4: H302+332; Eye Irrit. 2: H319

**Most important adverse effects:** Harmful to aquatic life with long lasting effects. Harmful if swallowed or if inhaled.

Causes serious eye irritation.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H412: Harmful to aquatic life with long lasting effects.

H302+332: Harmful if swallowed or if inhaled.

H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P273: Avoid release to the environment.

P501: Dispose of contents/container to hazardous or special waste collection point.

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### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**  
BYCLOSAN

CAS	CLP Classification	Percent
Aqua		>50%
916	68439-45-2	5 – 10%
Isopropanol	67-63-0	2.5 – 5%
Morello 30431 Fragrance		<1%
Accusol OP3 Opacifer	24981-13-3	<1%
Potassium Sorbate	24634-61-5	<1%
Xanthan Gum	11138-66-2	<1%
Bacillus Bacteria		<1%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove to fresh air Seek medical attention if recovery is not rapid or complete.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

#### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

#### 7.2. Conditions for safe storage, including any incompatibilities

**Handling requirements:** When using do not smoke or drink. Exercise normal industrial hygiene

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Suitable packaging:** Must only be kept in original packaging.

#### 7.3. Specific end use(s)

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Specific end use(s):** No data available.

**Workplace exposure limits:** No data available.

#### DNEL/PNEC Values

#### 8.2. Exposure controls

**DNEL / PNEC** No data available.

**Engineering measures:** The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

[cont...]

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## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Off-white

**Odour:** Sweet-smelling

**Solubility in water:** Miscible

**Flash point°C:** >93

**pH:** 6.5 - 7.0

### 9.2. Other information

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Other information:** No data available.

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

**Chemical stability:** Stable under normal conditions.

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### BYCLOSAN

DERMAL	RBT	LD50	9300	mg/kg
ORAL	MUS	LD50	4300	mg/kg
VAPOURS	RAT	LD50	140	mg/kg

**Toxicity values:** No data available.

[cont...]

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## Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### BYCLOSAN

DAPHNIA	48H EC50	0.4	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.5	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Mobility:** Readily absorbed into soil.

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

**Disposal operations:** Do not mix with other chemicals. Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

[cont...]

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

**Specific regulations:** Not applicable.

## 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** The phrases below refer to the raw materials used in the formulation, not the finished product.

**Phrases used in s.2 and s.3:** H302+332: Harmful if swallowed or if inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.