

# MATERIAL SAFETY DATA SHEET

Oosafe® Disinfectant for CO<sub>2</sub> incubators and laminar flow hoods



Revised version: EN-BIO-MSDS-DIH-16.04.2021

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

### 1.1. Product identifier

Product name: Oosafe® Disinfectant for CO<sub>2</sub> Incubators and Laminar Flow Hoods;

Product number: OODIH-0050; OODIH-1000; OODIH-5000;

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

Product group: Disinfectant for equipment;

Product type 2: Private area and public health area disinfectants and other public health area biocidal products especially suited for IVF laboratories;

Relevant identified applications: Biocide disinfectant for CO<sub>2</sub> incubators and sterile laminar cabinets and equipment surfaces. Especially is suitable for IVF laboratories. Only for professional use.

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

Sparmed Aps  
Ryttermarken 2, DK-3520, Farum, Denmark

1.4. Emergency telephone number Danish Poison Line.: **+45 82 12 12 12**

Additional information: Tel. +45 39 40 25 03

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

EU regulation (EC) No. 1272 / 2008

Hazard categories:  
Hazardous to the aquatic environment: Aquatic chronic 3  
Hazard statements:  
Harmful to aquatic life with long-lasting effects

### 2.2. Label elements

EU regulation (EC) No. 1272 / 2008

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

Precautionary statements: **P102:** Keep out of the reach of children.

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

**P501:** Dispose of contents in accordance with local regulation.

### 2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

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## SECTION 3: Composition/information on ingredients

### 3.1. Mixtures

#### Chemical characterization

Aqueous cleansing agent, with concentration of active ingredient 0.26%

#### Active ingredient/Hazardous component

Name	Cas-No.	EC-No./Reg.No.	Classification at concentration Ca. 50%
Benzyl-C12-16-alkyldimethyl-chloride	68424-85-1	270-325-2	Acute Tox.; 4; H302 Skin Corr.; 1B; H314 Aquatic Acute; 1; H400 Aquatic Chronic; 1; H410 C,N; R21/22, R34, R50 C, N; R22, R34, R50

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the R-Phrases mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice:	No special measures required. Bring affected person to fresh air.
Inhalation	Supply fresh air; consult doctor in case of complaints.
Skin contact	The product is not irritating for the skin.
Eye contact	Rinse opened eye for 10 minutes under running water. Force to open eyelids. Consult a doctor if irritation persists.
Ingestion:	Rinse mouth and drink plenty of water. Do never give an unconscious person anything through the mouth. Do not cause vomiting. If symptoms persist, consult doctor.

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

Symptoms:	No information available.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment:	No information available.
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## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Dry powder, water spray, foam.

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

Heating or fire can release toxic gas.

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## **5.3. Advice for fire-fighters**

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Do not inhale explosion and combustion gases.

Additional information: Use water spray to cool unopened containers.

## **SECTION 6: Accidental release measures**

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

Not required

### **6.2. Environmental precautions**

Dilute with plenty of water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### **6.4. Additional information**

No dangerous substances are released.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Information for safe handling: No special measures required if used properly.

Information about fire- and explosion protection: No special measures required.

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

Storeroom and storage container requirements: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep away from heat and direct sunlight.

Storage category: classification based on the

Occupational Safety Ordinance (BetrSichV): Not applicable

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

Not applicable

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Occupational exposure limits: The product does not contain any relevant quantities of materials with critical values that must be monitored at the work place.

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Additional information: The lists that were valid during the compilation were used as basis.

## **8.2. Exposure controls**

### **Personal protective equipment**

General protective and hygienic measures:	The general rules and precautionary measures for hygienic measures handling chemicals should be observed.
Respiratory protection:	Not required.
Hand protection:	Not required.
Eye protection:	Not required.

## **SECTION 9: Physical and chemical properties**

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

Physical state:	Liquid
Colour:	Colourless
Odour:	Odourless
Melting point/Melting range:	approx. 0°C
Boiling point/Boiling range:	approx. 100°C
Flash point:	not applicable
Auto-flammability:	not auto-flammable
Danger of explosion:	product does not present an explosion hazard
Density:	ca. 1 g/cm <sup>3</sup> (20 °C)
Viscosity, dynamic:	approx. 3 mPa.s (20 °C)
pH:	7.0 – 8.5 (2,6 mg/g; 20 °C)
Solubility in/ Miscibility with water:	completely miscible

## **SECTION 10: Stability and reactivity**

<b><u>10.1. Reactivity</u></b>	Stable under normal conditions.
<b><u>10.2. Chemical stability</u></b>	Stable under normal conditions.
<b><u>10.3. Possibility of hazardous reactions</u></b>	No hazardous reactions known.
<b><u>10.4. Conditions to avoid</u></b>	No decomposition if used according to specifications.
<b><u>10.5. Incompatible materials</u></b>	No incompatible materials known.
<b><u>10.6 Hazardous decomposition products</u></b>	No hazardous decomposition products known.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological data concerning the mixture

#### Primary irritant effect

Skin irritation: No irritation effect;  
Eye irritation: No irritation effect;  
Sensitization: No sensitizing effects known;

#### Additional Toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. Based on our knowledge and on the information provided to us the product causes no harmful effects when handled and used properly.

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxicity to fish: No data available.

### 12.2. Persistence and degradability

Biodegradability: No data available.

### 12.3. Bioaccumulative potential

Bioaccumulation: No data available.

### 12.4 Mobility in soil

Behaviour in environmental compartments: No data available.

### 12.5 Results of PBT and vPvB assessment

Assessment: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

### 12.6 Other adverse effects

Additional advice: No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product: Smaller quantities can be disposed with household waste

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Contaminated packaging:

P501 Partially empty or empty container/packaging should be rinsed with water and can be disposed of together with household waste or brought to a recycling collection point.

Recommended cleaning agent: Water, if necessary with the addition of detergent

## SECTION 14: Transport information

IATA/IMDG/ADR/RID/DOT/TDG

### 14.1. UN number

Not applicable.

### 14.2. Proper shipping name

Not applicable.

### 14.3. Transport hazard class

Not applicable.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

No.

### 14.6. Special precautions for the user

None.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008.

#### National legislation

No additional information available.

#### Classification according to Industrial Safety and Health Regulation

Oosafe® Disinfectant for CO<sub>2</sub> Incubators and Laminar Flow Hoods does not require classification in accordance with the regulation for GHS qualification.

### 15.2. Chemical safety assessment

Not required.

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## SECTION 16: Other information

### Full text of H-Statements

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long-lasting effects

### Full text of R-Phrases

R21/22	Harmful in contact with skin and if swallowed
R22	Harmful if swallowed
R34	Causes burns
R50	Very toxic to aquatic organisms

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication, however they are no assurance of product properties and do not justify a contractual legal relationship. This version replaces all previous versions. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information cannot be transferred to other products. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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