

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparmed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

According to Regulation (EC) No 1907/2006 (REACH) as amended

SECTION 1: Identification of the Substance/Mixture and of the Company / Undertaking

1.1. Product identifier

Substance Name: Oosafe® Laboratory Surface Disinfectant

Substance Number: OODSF-02000; OODSF-10000

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

Mixture's intended use: Disinfecting and cleaning concentrate. Biocidal product.

Product types: PT02 Private area and public health area disinfectants and other public health area biocidal products

Relevant identified applications: Biocide disinfectant for CO2 incubators and sterile laminar cabinets and equipment surfaces. Especially is suitable for personnel in IVF laboratories. Only for professional use.

Mixture uses advised against: The product should not be used in ways other than those referred in Section 1.

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

In case of emergency, call the national/local Poisoning Information Centre or Toxicology Information Centre.

European emergency number (can be called free from the entire territory of the EU): 112.

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Corr. 1B, H314

Eye Dam. 1, H318

Aquatic Chronic 2, H411

Most serious adverse effects on human health and the environment

Causes severe skin burns and eye damage. Toxic to aquatic life with long lasting effects.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

2.2. Label elements

Hazard pictogram:



Signal word:

Danger

Hazardous substances:

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate

Hazard statements:

H314 Causes severe skin burns and eye damage.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

P280 Wear protective gloves/eye protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

Requirements for child-resistant fastenings and tactile warning of danger:

Container must carry a tactile warning of danger. Container must be fitted with child-resistant fastening.

2.3. Other hazards

The product does not contain any persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) components in concentrations greater than or equal to 0.1% (Annex XIII of Regulation (EC) No 1907/2006).

The product does not contain any substances with endocrine disrupting properties in concentrations greater than or equal to 0.1% in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Requirements in the food industry:

After the prescribed exposure time rinse the disinfected surfaces, equipment, tools, and containers several times with drinking water.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

SECTION 3: Composition/Information on Ingredients

3.2. Mixtures

Chemical characterization:

Disinfecting concentrate with total 6,3 % concentration of the following active ingredient:

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Classification at a concentration of ca. 70 %
(CAS-no.) XXXXXX (EC-no.) XXXXXX	Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy) ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2 hydroxyethoxy) ethoxy) ethyl)-N methylammonium propionate	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

Full text of all classifications and hazard statements is given in the section 16. Classification according to Regulation (EC) No 1272/2008.

SECTION 4: First Aid Measures

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice:	No special measures required.
If inhaled:	Move to fresh air. Consult doctor in case of complaints.
If on skin:	After contact with skin, wash immediately with soap and water. Take off contaminated clothing and shoes immediately. Medical treatment necessary in case of skin corrosion.
If in eyes:	Rinse immediately with plenty of lukewarm water, also under the eyelids, for at least 15 minutes. Call a physician immediately. Remove contact lenses. Rinse eye wide open. Continue rinsing until medical help arrives. Could cause eye damage.
If swallowed:	Rinse mouth and drink plenty of water. Never induce vomiting or give anything by mouth to an unconscious person. Seek medical treatment.

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

If inhaled:	Not expected.
If on skin:	Causes severe skin burns.
If in eyes:	Causes serious eye damage.
If swallowed:	No further information available.

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

Treatment: | Treat symptomatically.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray, dry chemical, foam.

Unsuitable extinguishing media: High volume water jet.

5.2. Special hazards arising from the substance or mixture.

In case of fire or due to heat: Toxic gas could form. Do not allow run-off from firefighting to enter drains or water courses.

5.3. Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing firefighters' apparatus. Use personal protective equipment.

Additional information: Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

Personal precautions: Use personal protective equipment.

6.2. Environmental precautions

To protect the environment: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up.

Cleaning procedure: Empty container/packaging should be rinsed with plenty of water and can be disposed of together with household waste or brought to a recycling collection point (see section 13).

6.4. Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Advice for safe handling: Avoid contact with skin and eyes. Smoking, eating, and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparmed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

	Dispose of rinse water in accordance with local and national regulations.
Advice on protection against fire and explosion:	Normal measures for preventive fire protection.
Hygiene measures:	Avoid contact with skin, eyes, and clothing. When using do not eat or drink. When using do not smoke.

7.2. Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers:	Keep containers tightly closed. Keep in a well-ventilated place. Containers which are opened must be carefully re-closed and kept upright to prevent leakage. To maintain product quality, do not store in heat or direct sunlight. To prevent leaks or spillages from spreading, provide a suitable liquid retention system.
Other data:	No decomposition if stored and applied as directed.

7.3. Specific end use(s):

Disinfecting and cleaning concentrate

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	0.5 mg/m ³	
Workers	Dermal	0.7 mg/kg	
Consumers	Inhalation	0.12 mg/m ³	
Consumers	Dermal	0.35 mg/kg	
Consumers	Oral	0.35 mg/kg	

PNEC

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate	
Route of exposure	Value
Drinking water	0.001 mg/l
Microorganisms in sewage treatment	0.118 mg/l
Freshwater sediment	5.3 mg/kg
Soil (agricultural)	2.83 mg/kg

Other information of limit values:

The DNEL (Derived No Effect Level) and PNEC (Predicted No Effect Concentration) values given refer to the Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate active substance at a concentration of 70%.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparmed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

8.2. Exposure controls

Appropriate engineering controls:	No further relevant information available.
Individual protection measures, such as personal protective equipment as specified in Regulation (EU) 2020/878:	Wear recommended personal protective equipment such as personal protective gloves, protective clothing, safety glasses.
Eye/face protection:	Wear safety glasses (e.g. according to EN 166).
Hand protection:	Wear protective gloves. Suitable glove material: Nitrile rubber. Remarks: The selected protective gloves must comply with the requirements of Regulation (EU) 2020/878 and the resulting standard EN 374.
Skin and body protection:	Appropriate body protection should be selected according to the amount handled and the concentration of the substance at the workplace. Wear impervious protective clothing.
Respiratory protection:	Not required under normal use.
Thermal hazard:	Not known.
Environmental exposure controls:	Do not empty product directly into drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	light yellow
Odour	aromatic
Melting point/freezing point	-1 °C (OECD 102, approximate value)
Boiling point or initial boiling point and boiling range	101 °C (OECD 103, approximate value)
Flammability	non-flammable
Lower and upper explosion limit	not determined
Flash point	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not determined
pH	5.5-7 (7.3% solution at 20 °C) (7,3 g/100 g)
Kinematic viscosity	not determined
Solubility in water	completely miscible (at 20 °C)
Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	not determined
Density and/or relative density	1.01 g/cm ³ at 20 °C (OECD 109)
Relative vapour density	not determined
Particle characteristics	not determined

Not determined ~ the manufacturer has not carried out tests on certain parameters of the product, or the results of the tests were not available when the data sheet was issued.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

9.2. Other information

Viscosity, dynamic: approx. 1,2 mPa.s (20 °C, OECD 114)

Viscosity, kinematic: approx. 1,2 mm²/s (20 °C, OECD 114)

Explosive properties: not explosive

SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.2. Chemical stability

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

No hazardous reactions known under normal usage conditions.

10.4. Conditions to avoid

Heat and direct sunlight.

10.5. Incompatible materials

Strong acids, strong bases, and oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products if used as directed.

SECTION 11: Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological data:

Acute toxicity:

Product: Based on available data the classification criteria are not met.

Acute inhalation toxicity: no data

Acute dermal toxicity: irritant

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration):

Acute oral toxicity: LD50 (rat): 1157 mg/kg (Method: OECD 401)

Acute toxicity, inhalation: no data

Acute toxicity, dermal: no data

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration):

Acute oral toxicity: 1000 mg/kg (harmful if swallowed)

Acute inhalation toxicity: no data

Acute dermal toxicity: no data

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination
Oral	ATE	6579 mg/kg				Calculation of value

Skin corrosion/irritation:

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

Product:

Causes severe skin burns.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Causes severe skin burns.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Causes severe skin burns.

Serious eye damage/irritation:

Product:

Causes serious eye damage.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Causes serious eye damage.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Causes serious eye damage.

Respiratory or skin sensitisation:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

Carcinogenicity:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

Reproductive toxicity:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

NOAEL (oral, rat, 90 days): 391 mg/kg, dietary, (OECD 408)

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

Aspiration hazard:

Product:

Based on available data the classification criteria are not met.

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration): Based on available data the classification criteria are not met.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration): Based on available data the classification criteria are not met.

More information:

The product is a preparation for which there are no experimentally determined toxicity data.

11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain any substances with endocrine disrupting properties in concentrations greater than or equal to 0.1% in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other information

No further relevant information available.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

SECTION 12: Ecological Information

12.1. Toxicity

Product:

Toxic to aquatic life with long lasting effects

Information on active substances:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration):

Ecology – general: Very toxic to aquatic life with long lasting effect.

Short-term (acute) aquatic hazard: Very toxic to aquatic life.

Long-term (chronic) aquatic hazard: Very toxic to aquatic life with long lasting effect.

LC50 fish 1 0,89 mg/l (96h, Cyprinus carpio, OECD 203)

LC50 fish 2 0,52 mg/l (96h, Lepomis macrochirus)

EC50 Daphnia 1 0,1 mg/l (48h, Daphnia magna, OECD 202)

ErC50 (algae) 0,34 mg/l (72h, Scenedesmus subspicatus)

NOEC chronic crustacean 0,25 mg/l (21d, Daphnia magna, OECD 211)

NOEC chronic algae 0,044 mg/l (72h, Scenedesmus subspicatus)

Toxicity to microorganisms, EC50 16,8 mg/l (activated sludge, OECD 209)

Toxicity to soil dwelling organisms, LC50, earthworm 4390 mg/kg (14d, Eisenia fetida, OECD 207)

EbC50 0,21 mg/l (72h, Desmodesmus subspicatus, OECD 201)

NOEC 0,0634 mg/l (72h, Desmodesmus subspicatus, OECD 201)

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (at 50% concentration):

Very toxic to aquatic life with long lasting effects.

LC50 fish 1 > 1 - 10 mg/l (Danio rerio, OECD 203)

EC50 (algae) 0,049 mg/l (72h, Selenastrum capricornutum)

12.2. Persistence and degradability

Information on active substance:

Reaction mass of N,N-didecyl-N-(2-hydroxyethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-hydroxyethoxy)ethyl)-N-methylammonium propionate and N,N-didecyl-N-(2-(2-(2-hydroxyethoxy)ethoxy)ethyl)-N-methylammonium propionate (at at 70% concentration):

Biodegradability:

57 % (28d, Zahn-Wellens Test, OECD 302B, not rapidly degradable)

34 % (29d, Modified Sturm Test, OECD 301B, not readily biodegradable)

Stability in water: hydrolytically stable, degradation half-life: 360d (25 °C), OECD 111

12.3. Bioaccumulative potential

Bioaccumulation: No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025

12.5. Results of PBT and vPvB assessment

The product does not contain any persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) components in concentrations greater than or equal to 0.1% (Annex XIII of Regulation (EC) No 1907/2006).

12.6. Endocrine disrupting properties

The product does not contain any substances with endocrine disrupting properties in concentrations greater than or equal to 0.1% in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Product:	Dispose it according to the waste disposal code indicated and in accordance with local/regional/ national/ international regulations.
Contaminated packaging:	Partially or completely emptied packaging should be rinsed with clean water and then treated and disposed of with household waste or taken to a recycling collection point.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.
Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

07 06 01* aqueous washing liquids and mother liquors

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport Information

14.1. UN number or ID number	UN 1903
14.2. UN Proper shipping name	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(es)	8 Corrosive substances
14.4. Packing group	III
14.5. Environmental hazards	Toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No further relevant information available.
14.7. Maritime transport in bulk according to IMO instruments	not applicable

Additional information:

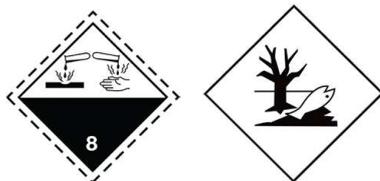
Hazard identification No.	80
UN number	1903
Classification code	C9
Safety signs	8+hazardous for the environment

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

sparomed

Revised version: EN-BIO-MSDS-DSF-12.08.2025



Road transport - ADR

Special provisions	274
Limited quantities	5 L
Excepted quantities	E1
Packaging	
Packing instructions	P001, IBC03, LP01, R001
Mixed packing provisions	MP19
ADR tank	
Tank code	L4BN
Vehicles for tank carriage	AT
Transport category	3
Tunnel restriction code	(E)
Special provision for Packages	V12

Railway transport - RID

Special provisions	274
Packaging	
Packing instructions	P001, IBC03, LP01, R001
Mixed packing provisions	MP19
RID Tanks	
Tank code	L4BN
Transport category	3
Special provision for Packages	W12

Air transport - ICAO/IATA

Packaging instructions for limited amount	Y841
Packaging instructions passenger	852
Cargo packaging instructions	856

Marine transport - IMDG

EmS (emergency plan)	F-A, S-B
MFAG	760

SECTION 15: Regulatory Information

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

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products, as amended.

- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category This product is not subject to Seveso directive dispositions.

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

- REGULATION (EU) 2019/1021 on persistent organic pollutants (POP): The mixture does not contain substances identified as POP.
- LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV): The product does not contain any substance included in annex XIV.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: No restrictions are known
- Regulation (EU) No 649/2012 (PIC) There are no substances listed in this regulation.
- REGULATION (EU) 2019/1148 - Explosive precursors: The mixture does not contain explosives precursors in concentrations equal to or greater than 1%.
- Substances of very high concern (SVHC) according to REACH, Article 59: The mixture does not contain SVHC substances in concentration equal to or greater than 0.1% by weight.
- Regulation (EU) 2024/590: substances that deplete the ozone layer: The mixture does not contain substances that deplete the ozone layer.

15.2. Chemical safety assessment

A chemical safety assessment was not carried out.

SECTION 16: Other Information

A list of standard risk phrases used in the safety data sheet

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P280	Wear protective gloves/eye protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations.

Other important information about human health protection

The user is responsible for compliance with the health protection rules relating to the product.

Key to abbreviations and acronyms used in the safety data sheet

Acute Tox.	Acute toxicity
ADR	European agreement concerning the international carriage of dangerous goods by road
AGW	Occupational Exposure Limits
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
Eye Dam.	Serious eye damage
IATA	International Air Transport Association

MATERIAL SAFETY DATA SHEET

Oosafe® Laboratory Surface Disinfectant

IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
MAK	Maximum workplace concentration
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
Skin Corr.	Skin corrosion
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

The product should not be used for purposes other than those intended.

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure: calculation method based on Annex I to the CLP Regulation (EC) No 1272/2008

Statement

The producer of the safety data sheet or the company supplying the data sheet - not knowing the circumstances of the use and handling of the product - cannot be held liable for any unforeseen damage, loss, injury, accident or similar events resulting from non-prescribed use. The person performing the activity is obliged to comply with all applicable legal regulations that apply to the activity carried out with the product. The producer of the safety data sheet or the company supplying the data sheet cannot be held liable for any unforeseen damage resulting from a modification of the safety data sheet and label provided to the Client that was not made by the producer of the safety data sheet.

Regulatory Affairs Department at Sparmed

Contact: ra@sparmed.dk