

SAFETY DATA SHEET

# OxiDes M1

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

### 1.1. Product identifier

Trade name

OxiDes M1

Unique formula identifier (UFI)

F6YA-MYFJ-S0MN-J248

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

Relevant identified uses of the substance or mixture

PC8 Disinfection

Product code (A.I.S.E.)

**Code**

AISE-P810 / Disinfection product. Semi-automatic process.

AISE-P801 / Food process cleaner. Cleaning In place (CIP) process.

Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
<b>Product category</b>	<b>Description</b>
PC 8	Biocidal Products (e.g. Disinfectants, pest control)
<b>Process category</b>	<b>Description</b>
PROC 1	Anvendelse i lukket proces, ingen sandsynlighed for eksponering.
<b>Environmental release category</b>	<b>Description</b>
ERC9a	Wide dispersive indoor use of processing aids in close systems

Uses advised against

None known.

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

Company and address

**NCA-Verodan A/S**

Industriparken 5

DK-9560 Hadsund

Denmark

Tel.: +45 7027 1630

www.ncaa.dk

E-mail

mail@ncaa.dk

Revision

6/30/2023

SDS Version

1.0

Date of previous version

6/29/2023 (1.0)

### 1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)

See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

## 2.1. Classification of the substance or mixture

Self-react. C; H242, Heating may cause a fire.  
 Met. Corr. 1; H290, May be corrosive to metals.  
 Skin Corr. 1; H314, Causes severe skin burns and eye damage.  
 Eye Dam. 1; H318, Causes serious eye damage.  
 STOT SE 3; H335, May cause respiratory irritation.

## 2.2. Label elements

### Hazard pictogram(s)



### Signal word

Danger

### Hazard statement(s)

Heating may cause a fire. (H242)  
 May be corrosive to metals. (H290)  
 Causes severe skin burns and eye damage. (H314)  
 May cause respiratory irritation. (H335)

### Precautionary statement(s)

#### General

-

#### Prevention

Do not breathe vapour/mist. (P260)  
 Wear face protection/protective gloves/protective clothing. (P280)

#### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing. (P305+P351+P338)

#### Storage

Store in a container with a resistant inner liner. (P406)

#### Disposal

Dispose of contents/container in accordance with in accordance with local regulation (P501)

### Hazardous substances

hydrogen peroxide solution ... %  
 sulphuric acid  
 peracetic acid . . . %  
 acetic acid

### Additional labelling

UFI: F6YA-MYFJ-SOMN-J248  
 Active substance(s):  
 hydrogen peroxide solution ... % (16.1 g/100g)  
 peracetic acid . . . % (5.2 g/100g)  
 acetic acid (4 g/100g)

## 2.3. Other hazards

### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
hydrogen peroxide solution ... %	CAS No.: 7722-84-1 EC No.: 231-765-0 REACH: 01-2119485845- 22 Index No.: 008-003-00-9	15-25%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Corr. 1A, H314 (SCL: 70.00 %)	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

			Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332	
sulphuric acid	CAS No.: 7664-93-9 EC No.: 231-639-5 REACH: 01-211945883 8-20-20 Index No.: 016-020-00-8	5-10%	Met. Corr. 1, H290 Skin Corr. 1A, H314 (SCL: 15.00 %) Skin Irrit. 2, H315 (SCL: 5.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	[1]
peracetic acid . . . %	CAS No.: 79-21-0 EC No.: 201-186-8 REACH: 01-2119531330-56 Index No.: 607-094-00-8	5-10%	Flam. Liq. 3, H226 Self-react. D, H242 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1A, H314 Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 1.00 %) Aquatic Acute 1, H400 (M=1)	
acetic acid	CAS No.: 64-19-7 EC No.: 200-580-7 REACH: 01-2119475328-30 Index No.: 607-002-00-6	3-5%	Skin Corr. 1A, H314 (SCL: 25.00 %)	[1]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

##### Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

##### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Symptoms of inadvertent contact with products containing sulfuric acid are: extreme destruction of tissues of the mucous membranes and upper respiratory tract, eyes, and skin. Spasm, inflammation and edema of the larynx, Spasm, inflammation and edema of the bronchi.

Pneumonitis, pulmonary edema, burning sensation, cough, wheezing, laryngitis, Shortness of breath. Headache, Nausea, Vomiting. Effects may be delayed.

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Carbon oxides (CO / CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Avoid inhalation of vapours from spilled material.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Store in a container with a resistant inner liner.

##### Recommended storage material

Keep only in original packaging.

##### Storage temperature

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Dry, cool and well ventilated

**Incompatible materials**

Bases

Combustible materials

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

This product should only be used for applications quoted in section 1.2.

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

**8.1. Control parameters**

hydrogen peroxide solution ... %

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1,4

Long term exposure limit (8 hours) (ppm): 1

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 2.8

Short term exposure limit (15 minutes) (ppm): 2

sulphuric acid

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 0,05

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 0.1

Annotations:

E = Substance has an EC limit.

acetic acid

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 25

Long term exposure limit (8 hours) (ppm): 10

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 50

Short term exposure limit (15 minutes) (ppm): 20

Annotations:

E = Substance has an EC limit.

Statutory order 202 on exposure limits for substances and mixtures (21/02/2023)

**DNEL**

hydrogen peroxide solution ... %

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	210 µg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	1,4 mg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	1.4 mg/m <sup>3</sup>
Short term - Local effects - General population	Inhalation	1.93 mg/m <sup>3</sup>
Short term - Local effects - Workers	Inhalation	3 mg/m <sup>3</sup>
Short term - Local effects - Workers	Inhalation	3 mg/m <sup>3</sup>

acetic acid

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	25 mg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	25 mg/m <sup>3</sup>
Short term - Local effects - General population	Inhalation	25 mg/m <sup>3</sup>
Short term - Local effects - Workers	Inhalation	25 mg/m <sup>3</sup>

peracetic acid . . . %

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	280 µg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	0,6 mg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	560 µg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	0,6 mg/m <sup>3</sup>
Short term - Local effects - General population	Inhalation	280 µg/m <sup>3</sup>

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Short term – Local effects - Workers	Inhalation	560 µg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	0,6 mg/m <sup>3</sup>

sulphuric acid

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Inhalation	50 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	100 µg/m <sup>3</sup>

## PNEC

hydrogen peroxide solution ... %

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		12.6 µg/L
Freshwater sediment		47 µg/kg
Intermittent release (freshwater)		13.8 µg/L
Marine water		0,0126 mg/l
Marine water		12.6 µg/L
Marine water sediment		0,047 mg/l
Marine water sediment		47 µg/kg
Sewage treatment plant		4.66 mg/L
Soil		2.3 µg/kg

acetic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		3.058 mg/L
Freshwater sediment		11.36 mg/kg
Intermittent release (freshwater)		30.58 mg/L
Marine water		305.8 µg/L
Marine water sediment		1.136 mg/kg
Sewage treatment plant		85 mg/L
Soil		470 µg/kg

peracetic acid . . . %

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Continuous	0,000224mg/l
Freshwater		94 ng/L
Freshwater sediment	Continuous	0,00018 mg/l
Freshwater sediment		350 ng/kg
Intermittent release (freshwater)		1.6 µg/L
Marine water		9.4 ng/L
Marine water sediment		35 ng/kg
Sewage treatment plant		51 µg/L
Soil		320 µg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Ground and bond container and receiving equipment.

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.


#### Individual protection measures, such as personal protective equipment

##### Generally


Wash contaminated clothing before reuse.

Use only CE marked protective equipment.




##### Respiratory Equipment

Work situation	Type	Class	Colour	Standards	
In case of inadequate ventilation	E	Class 2 (medium capacity)	Yellow	EN14387	



##### Skin protection

Work situation	Recommended	Type/Category	Standards	
When there is risk of splash- / intermittent exposure	Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.	-	-	

##### Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	Nitrile	0,4	> 120	EN374-2, EN374-3, EN388	
	Butyl	0.7	> 60	EN374-2, EN374-3, EN388, EN421	
When there is risk of splash- / intermittent exposure	Nitrile	0.1	-	EN374-2	
	-	-	-	-	

##### Eye protection

Type	Standards	
Face shield alternatively safety glasses with side shields.	EN166	
In the likelihood of direct or incidental exposure, use face protection.	EN166	

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

- Clear
- Odour / Odour threshold
  - Sharp/pungent
- pH
  - 0,5
- pH in solution
  - 1,4 (1%)
- Density (g/cm<sup>3</sup>)
  - 1.15
- Kinematic viscosity
  - Testing not relevant or not possible due to the nature of the product.
- Particle characteristics
  - Does not apply to liquids.
- Phase changes
  - Melting point/Freezing point (°C)
    - 20,00000000
  - Softening point/range (waxes and pastes) (°C)
    - Does not apply to liquids.
  - Boiling point (°C)
    - 77
  - Vapour pressure
    - Testing not relevant or not possible due to the nature of the product.
  - Relative vapour density
    - Testing not relevant or not possible due to the nature of the product.
  - Decomposition temperature (°C)
    - Testing not relevant or not possible due to the nature of the product.
- Data on fire and explosion hazards
  - Flash point (°C)
    - Testing not relevant or not possible due to the nature of the product.
  - Flammability (°C)
    - The material is ignitable.
  - Auto-ignition temperature (°C)
    - Testing not relevant or not possible due to the nature of the product.
  - Lower and upper explosion limit (% v/v)
    - Testing not relevant or not possible due to the nature of the product.
- Solubility
  - Solubility in water
    - Completely soluble
  - n-octanol/water coefficient
    - Testing not relevant or not possible due to the nature of the product.
  - Solubility in fat (g/L)
    - Testing not relevant or not possible due to the nature of the product.
- 9.2. Other information
  - Other physical and chemical parameters
    - No data available.
  - Oxidizing properties
    - Testing not relevant or not possible due to the nature of the product.

## SECTION 10: Stability and reactivity

- 10.1. Reactivity
  - No data available.
- 10.2. Chemical stability
  - The product is stable under the conditions, noted in section 7 "Handling and storage".
- 10.3. Possibility of hazardous reactions
  - None known.
- 10.4. Conditions to avoid
  - Avoid static electricity.
- 10.5. Incompatible materials
  - Bases



Combustible materials

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Product/substance	hydrogen peroxide solution ... %
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1193 mg/kg ·

Product/substance	hydrogen peroxide solution ... %
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg ·

Product/substance	hydrogen peroxide solution ... %
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	170 mg/m3 ·

Product/substance	sulphuric acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2140 mg/kg ·

Product/substance	sulphuric acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	0,375 mg/kg ·

Product/substance	peracetic acid . . . %
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	100 mg/kg ·

Product/substance	peracetic acid . . . %
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	1100 mg/kg ·

Product/substance	peracetic acid . . . %
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	0,512 mg/l ·

Product/substance	acetic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3310 mgKG ·

#### Skin corrosion/irritation

Causes severe skin burns and eye damage.

#### Serious eye damage/irritation

Causes serious eye damage.

**Respiratory sensitisation**

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

**Long term effects**

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

**Endocrine disrupting properties**

Not applicable.

**Other information**

hydrogen peroxide solution ... % has been classified by IARC as a group 3 carcinogen.  
sulphuric acid has been classified by IARC as a group 1 carcinogen.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Product/substance	hydrogen peroxide solution ... %
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	16,4 mg/l ·

Product/substance	hydrogen peroxide solution ... %
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	2,4 mg/l ·

Product/substance	hydrogen peroxide solution ... %
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	1,38 mg/l ·

Product/substance	sulphuric acid
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	> 100 mg/l ·

Product/substance	peracetic acid . . . %
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	1,6 mg/l ·

Product/substance	peracetic acid . . . %
Species:	Daphnia

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Duration: 48 hours  
 Test: EC50  
 Result: 1,94 mg/l ·

Product/substance peracetic acid . . . %  
 Species: Algae  
 Duration: 72 hours  
 Test: EC50  
 Result: 0,86 mg/l ·

Product/substance peracetic acid . . . %  
 Species: Daphnia  
 Duration: 21 days  
 Test: NOEC  
 Result: 0,34 mg/l ·

Product/substance peracetic acid . . . %  
 Species: Fish  
 Duration: 33 days  
 Test: NOEC  
 Result: 0,0022 mg/l ·

Product/substance acetic acid  
 Species: Fish  
 Duration: 24 hours  
 Test: LC50  
 Result: 251 mg/l ·

Product/substance acetic acid  
 Species: Fish  
 Duration: 96 hours  
 Test: LC50  
 Result: 75 mg/l ·

Product/substance acetic acid  
 Species: Daphnia  
 Duration: 96 hours  
 Test: LC50  
 Result: 47 mg/l ·

### 12.2. Persistence and degradability

Product/substance hydrogen peroxide solution ... %  
 Biodegradable: Yes  
 Test method:  
 Result:

Product/substance sulphuric acid  
 Biodegradable: Yes  
 Test method:  
 Result:

Product/substance peracetic acid . . . %  
 Biodegradable: Yes  
 Test method: OECD 301 E  
 Result: >70%

Product/substance acetic acid  
 Biodegradable: Yes  
 Test method:  
 Result: 95%, 5 days

### 12.3. Bioaccumulative potential

Product/substance hydrogen peroxide solution ... %  
 Test method:  
 Potential bioaccumulation: No  
 LogPow: -1,5700

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

BCF: No data available.  
Other information:

Product/substance sulphuric acid  
Test method:  
Potential bioaccumulation: No  
LogPow: No data available.  
BCF: No data available.  
Other information:

Product/substance peracetic acid . . . %  
Test method:  
Potential bioaccumulation: No  
LogPow: -0,6000  
BCF: No data available.  
Other information:

Product/substance acetic acid  
Test method:  
Potential bioaccumulation: No  
LogPow: -0,1700  
BCF: 3.16  
Other information:

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. Endocrine disrupting properties

Not applicable.

#### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.  
HP 3 - Flammable  
HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity  
HP 8 - Corrosive  
Dispose of contents/container to an approved waste disposal plant.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

#### EWC code

16 09 04\* Oxidising substances, not otherwise specified  
Waste group O:  
Reactive waste

#### Contaminated packing



Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information.



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IMDG	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1 	II	No	Limited quantities: 1 L EmS: F-H S-Q See below for additional information.
IATA	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1 	II	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

#### Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

P6b - SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES, Qualifying quantity (lower-tier): 50 tonnes / (upper-tier): 200 tonnes

#### Biocidal Products Regulations

Product type: PT4 - Food and feed area

#### Restrictions on use

-

#### Directions for use and dose rate

-

#### Additional information

-

#### Regulation on drug precursors

sulphuric acid is included (Category 3)

#### Regulation on explosives precursors

hydrogen peroxide solution ... % (Annex I)  
sulphuric acid (Annex I)

#### Additional information

Not applicable.

#### Sources

The Danish Working Environment Authority's executive order no. 239 of 6 April 2005 on young people's work.  
 Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work.  
 Pregnant workers and workers who are breastfeeding (AT Guide A.1.8-6, amended 2020).  
 Executive Order no. 372 of 25 April 2016 on control of the risk of major accidents with dangerous substances.  
 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.  
 Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.  
 Council Regulation (EC) No 273/2004 on drug precursors.  
 Council Regulation (EC) No 2019/1148 on explosives precursors.  
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).  
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.  
 H242, Heating may cause a fire.  
 H271, May cause fire or explosion; strong oxidiser.  
 H290, May be corrosive to metals.  
 H302, Harmful if swallowed.  
 H312, Harmful in contact with skin.  
 H314, Causes severe skin burns and eye damage.  
 H315, Causes skin irritation.  
 H318, Causes serious eye damage.  
 H319, Causes serious eye irritation.  
 H332, Harmful if inhaled.  
 H335, May cause respiratory irritation.  
 H400, Very toxic to aquatic life.

#### The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
 PROC 1 = Anvendelse i lukket proces, ingen sandsynlighed for eksponering.  
 PC 8 = Biocidal Products (e.g. Disinfectants, pest control)  
 ERC9a = Wide dispersive indoor use of processing aids in close systems

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 CAS = Chemical Abstracts Service  
 CE = Conformité Européenne (European conformity)  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 CSA = Chemical Safety Assessment  
 CSR = Chemical Safety Report  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EINECS = European Inventory of Existing Commercial chemical Substances  
 ES = Exposure Scenario  
 EUH statement = CLP-specific Hazard statement  
 EWC = European Waste Catalogue  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IARC = International Agency for Research on Cancer (IARC)  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 OECD = Organisation for Economic Co-operation and Development  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the mixture in regard to physical hazards has been based on experimental data.

#### ▼ The safety data sheet is validated by

LEJ

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: DK-en