

SAFETY DATA SHEET

Des Cip M1

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

1.1. Product identifier

Trade name

Des Cip M1

Unique formula identifier (UFI)

U200-U0CW-500H-QHFH

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

Relevant identified uses of the substance or mixture

PC8 Disinfection

Restricted to professional users.

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

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

AISE-P903 / Preservation and sanitation agent. Process water.

Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC 8	Biocidal Products (e.g. Disinfectants, pest control)
Environmental release category	Description
ERC 8a	Wide dispersive indoor use of processing aids in open systems

Uses advised against

Consumer uses: Private households (= general public = consumers)

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

18/09/2024

SDS Version

2.0

Date of previous version

28/06/2024 (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

Acute Tox. 4; H302, Harmful if swallowed.

Skin Corr. 1A; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.
 Acute Tox. 4; H332, Harmful if inhaled.
 STOT SE 3; H335, May cause respiratory irritation.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Harmful if swallowed or if inhaled. (H302+H332)
 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 well-ventilated place. Keep container tightly closed. (P403+P233)

Disposal

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

Hazardous substances

hydrogen peroxide solution ... %
 Nitric Acid
 peracetic acid . . . %
 acetic acid

Additional labelling

Active substance(s):
 peracetic acid . . . % (4.7 g/100g)

UFI: U200-U0CW-500H-QHFH

2.3. Other hazards

▼ Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
 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) 2023/707.

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. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) 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	

Nitric Acid	CAS No.: 7697-37-2 EC No.: 231-714-2 REACH: 01-2119487297-23-xxxx Index No.: 007-004-00-1	5-10%	EUH071 Ox. Liq. 2, H272 Met. Corr. 1, H290 Skin Corr. 1A, H314 (SCL: 20.00 %) Eye Dam. 1, H318 Acute Tox. 3, H331	[1]
peracetic acid . . . %	CAS No.: 79-21-0 EC No.: 201-186-8 REACH: 01-2119531330-56 Index No.: 607-094-00-8	3-5%	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 %) Skin Irrit. 2, H315 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[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

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

Skin contact

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

Eye contact

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

Ingestion

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Burns

Not applicable.

4.2. Most important symptoms and effects, both acute and 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

The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid
Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

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:

Carbon oxides (CO / CO₂)

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

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Avoid direct contact with the product.

Avoid contact during pregnancy and while nursing.

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.

Recommended storage material

Keep only in original packaging.

Storage conditions

Dry, cool and well ventilated

▼ Incompatible materials

Zinc

Copper

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/m³): 1,4
 Long term exposure limit (8 hours) (ppm): 1
 Short term exposure limit (15 minutes) (mg/m³): 2,8
 Short term exposure limit (15 minutes) (ppm): 2

Nitric Acid
 Short term exposure limit (15 minutes) (mg/m³): 2,6
 Short term exposure limit (15 minutes) (ppm): 1
 Annotations:
 E = Substance has an EC limit.

acetic acid
 Long term exposure limit (8 hours) (mg/m³): 25
 Long term exposure limit (8 hours) (ppm): 10
 Short term exposure limit (15 minutes) (mg/m³): 50
 Short term exposure limit (15 minutes) (ppm): 20
 Annotations:
 E = Substance has an EC limit.

Statutory order 291 on exposure limits for substances and mixtures (19/03/2024)

DNEL

hydrogen peroxide solution ... %

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

acetic acid

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

Nitric Acid

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	1.3 mg/m ³
Long term - Local effects - Workers	Inhalation	2.6 mg/m ³
Short term - Local effects - General population	Inhalation	1.3 mg/m ³
Short term - Local effects - Workers	Inhalation	2.6 mg/m ³

peracetic acid . . . %

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

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

Apply general control to prevent unnecessary exposure

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

Occupational exposure limits have not been defined for the substances in this product.

▼ Appropriate technical measures

Ensure that eyewash stations and safety showers are located within easy reach.

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. Pay special attention to 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


In the event the work process is within scope of the Danish statutory order on work with code numbered products (Work Inspectorate Order no. 302/1993), then personal protection equipment shall be selected as set out herein. If applicable, please refer to the code number of this product in section 15.

Use only CE marked protective equipment.



Respiratory Equipment

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	Combination Filter A2B2		Brown/Gray	EN14387	
	No special when used as intended.				


Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.68	> 240	EN374-2, EN374-3, EN388	
Neoprene (Neoprene)	0,6	> 240	EN374-2, EN374-3, EN388	

Eye protection

Type	Standards	
Face shield alternatively safety glasses with side shields.	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

Density (g/cm³)

1.13

▼ Kinematic viscosity

No relevant or available data 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 (°C)

Does not apply to liquids.

▼ Boiling point (°C)

No relevant or available data due to the nature of the product.

▼ Vapour pressure

No relevant or available data due to the nature of the product.

▼ Relative vapour density

No relevant or available data due to the nature of the product.

▼ Decomposition temperature (°C)

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

▼ Flash point (°C)

No relevant or available data due to the nature of the product.

▼ Flammability (°C)

No relevant or available data due to the nature of the product.

▼ Auto-ignition temperature (°C)

No relevant or available data due to the nature of the product.

▼ Lower and upper explosion limit (% v/v)

No relevant or available data due to the nature of the product.

Solubility

Solubility in water

Completely soluble

▼ n-octanol/water coefficient (LogKow)

No relevant or available data due to the nature of the product.

▼ Solubility in fat (g/L)

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available.

▼ Oxidizing properties

No relevant or available data 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

None known.

10.5. Incompatible materials

Bases

Copper

Zinc

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

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: Nitric Acid
 Species: Rat
 Route of exposure: Inhalation
 Test: LC50
 Result: 1562,5 mg/m3 ·

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 ·

Harmful if swallowed.
 Harmful if inhaled.

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

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

hydrogen peroxide solution ... % has been classified by IARC as a group 3 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	Nitric Acid
Species:	Fish
Duration:	96 hours
Test:	EC50
Result:	> 100 mg/l ·

Product/substance	Nitric Acid
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	180 mg/l ·

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

Product/substance	peracetic acid ... %
Species:	Daphnia
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 ... %
 Conclusion: Readily biodegradable

Product/substance Nitric Acid
 Conclusion: Readily biodegradable

Product/substance peracetic acid . . . %
 Result: >70%
 Conclusion: Readily biodegradable
 Test: OECD 301 E

Product/substance acetic acid
 Result: 95%, 5 days
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance hydrogen peroxide solution ... %
 LogKow: -1,5700
 Conclusion: No potential for bioaccumulation

Product/substance Nitric Acid
 Conclusion: No potential for bioaccumulation

Product/substance peracetic acid . . . %
 LogKow: -0,6000
 Conclusion: No potential for bioaccumulation

Product/substance acetic acid
 BCF: 3.16
 LogKow: -0,1700
 Conclusion: No potential for bioaccumulation

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

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 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute 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

Waste group H:

Waste with low

energy content

16 09 03*

Peroxides, for example hydrogen peroxide




Specific labelling

Not applicable.

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 informatio n:
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
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

Not applicable.

Biocidal Products Regulations

Product type: PT4 - Food and feed area, PT2 - Disinfectants and algacides not intended for direct application to humans or animals

Restrictions on use

-

Directions for use and dose rate

-

Additional information

-

Regulation on explosives precursors

hydrogen peroxide solution ... % (Annex I)

Nitric Acid (Annex I)

REACH, Annex XVII

peracetic acid . . . % is subject to REACH restrictions (entry 40).

Product registration number

Pr. Nr. 2293514

Regulation on work involving coded products

Code number (1993): 5-4.

Additional information

Not applicable.

Sources

The Danish Working Environment Authority's executive order no. 1049 of 30 May 2021 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).

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 2019/1148 on explosives precursors.

Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer.

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

EUH071, Corrosive to the respiratory tract.
 H226, Flammable liquid and vapour.
 H242, Heating may cause a fire.
 H271, May cause fire or explosion; strong oxidiser.
 H272, May intensify fire; 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.
 H331, Toxic if inhaled.
 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)
 PC 8 = Biocidal Products (e.g. Disinfectants, pest control)
 ERC 8a = Wide dispersive indoor use of processing aids in open 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
 EuPCS = European Product Categorisation System
 EWC = European Waste Catalogue
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 GWP = Global warming potential
 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
 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 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 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