neodisher endo SEPT PAC

Version: 5 / GB | Replaces Version: 4 / GB | Date revised: 07.04.2026 | Print date: 29.04.26

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

1.1. Product identifier

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

Identified Uses

disinfectants

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85
D-20539 Hamburg
Telephone no. +49 40 789 60 0
Fax no. +49 40 789 60 120
www.drweigert.com

E-mail address of person responsible for this SDS:
sida@drweigert.de

1.4. Emergency telephone number

Emergency telephone number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Org. Perox. F	H242	
Met. Corr. 1	H290	
Acute Tox. 4	H332	Route of exposure: inhalative
Acute Tox. 3	H311	Route of exposure: dermal
Acute Tox. 4	H302	Route of exposure: oral
STOT SE 3	H335	
Skin Corr. 1	H314	
Aquatic Acute 1	H400	
Aquatic Chronic 1	H410	
Eye Dam. 1	H318	

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

Signal word

Danger

Hazard statements

H242	Heating may cause a fire.
H290	May be corrosive to metals.
H311	Toxic in contact with skin.
H302+H332	Harmful if swallowed or if inhaled.
H314	Causes severe skin burns and eye damage.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.
P405	Store locked up.
	Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains hydrogen peroxide solution; acetic acid; peroxyacetic acid

2.3. Other hazards

No special hazards have to be mentioned.
The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

hydrogen peroxide solution

CAS No.	7722-84-1			
EINECS no.	231-765-0			
Registration no.	01-2119485845-22			
Concentration	>=	12	< 25	%

Classification (Regulation (EC) No. 1272/2008)

Ox. Liq. 1	H271
Acute Tox. 4	H302
Acute Tox. 4	H332
Skin Corr. 1A	H314

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Dam. 1	H318	>= 8 < 50 %
Eye Irrit. 2	H319	>= 5 < 8 %
Ox. Liq. 1	H271	>= 70 %
Ox. Liq. 2	H272	>= 50 < 70 %
Skin Corr. 1A	H314	>= 70 %

Skin Corr. 1B	H314	>= 50 < 70 %	
Skin Irrit. 2	H315	>= 35 < 50 %	
STOT SE 3	H335	>= 35 %	

ATE	oral	418	mg/kg
cATpE	inhalative, Dust/Mist	1,5	mg/l

Additional remarks:
CLP Regulation (EC) No 1272/2008, Annex VI, Note B

acetic acid

CAS No. 64-19-7
EINECS no. 200-580-7
Registration no. 01-2119475328-30
Concentration >= 10 < 25 %
Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226	
Skin Corr. 1A	H314	

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319	>= 10 < 25 %
Skin Corr. 1A	H314	>= 90 %
Skin Corr. 1B	H314	>= 25 < 90 %
Skin Irrit. 2	H315	>= 10 < 25 %

ATE	dermal	1.130	mg/kg

Additional remarks:
CLP Regulation (EC) No 1272/2008, Annex VI, Note B

peroxyacetic acid

CAS No. 79-21-0
EINECS no. 201-186-8
Registration no. 01-2119531330-56
Concentration >= 10 < 25 %
Classification (Regulation (EC) No. 1272/2008)

Org. Perox. D	H242	
Acute Tox. 3	H301	Route of exposure: oral
Acute Tox. 2	H310	Route of exposure: dermal
Acute Tox. 2	H330	Route of exposure: inhalative
Skin Corr. 1A	H314	
Aquatic Acute 1	H400	
Aquatic Chronic 1	H410	

Concentration limits (Regulation (EC) No. 1272/2008)

STOT SE 3	H335	>= 1 %
Aquatic Acute 1		M = 10
Aquatic Chronic 1		M = 100

ATE	oral	80	mg/kg
ATE	dermal	60	mg/kg
ATE	inhalative, Dust/Mist	0,2	mg/l

Additional remarks:
CLP Regulation (EC) No 1272/2008, Annex VI, Note B, D

Other information

Complete text of hazard statements in chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When spray fog inhaled, seek medical aid.

After skin contact

After contact with skin, wash immediately with plenty of water. Take medical treatment.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, Dry powder, Carbon dioxide, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away sources of ignition.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand). Do not pick up with the help of saw-dust or other combustible substances. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Observe the usual precautions for handling chemicals. Keep container tightly closed.

Advice on protection against fire and explosion

The product is combustible. Keep away from sources of heat and ignition. Keep away from combustible material.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	>	0	<	25 °C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage classes

Storage class according to TRGS 510	5.2	Organic peroxides and self-reactive hazardous substances

Further information on storage conditions

The product is classified in Germany in category OP IV: Hardly flammable organic peroxides with a relatively low risk. Protect from heat and direct sunlight. Do not keep the container sealed.

7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

acetic acid … %

List	EH40			
Type	WEL			
Value	25	mg/m³	10	ppm(V)
Short term exposure limit	50	mg/m³	20	ppm(V)

acetic acid … %

List	IOELV			
Type	IOELV			
Value	25	mg/m³	10	ppm(V)
Short term exposure limit	50	mg/m³	20	ppm(V)

hydrogen peroxide solution… %

List	EH40			
Type	WEL			
Value	1.4	mg/m³	1	ppm(V)
Short term exposure limit	2.8	mg/m³	2	ppm(V)

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Hold eye wash fountain available. Hold emergency shower available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Multi-range filter ABEK/P3

Hand protection

Chemical resistant gloves

Use	Occasional hand contact		
Appropriate Material	neoprene		
Material thickness	>=	0,65	mm
Breakthrough time	>	120	min
Appropriate Material	butyl		
Material thickness	>=	0,7	mm
Breakthrough time	>	120	min

Hand protection must comply with EN 374.

Eye protection

Face shield; Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry. Protective shoes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid		
Colour	colourless		
Odour	pungent		
Melting point			
Remarks	not determined		
Freezing point			
Remarks	not determined		
Boiling point or initial boiling point and boiling range			
Value	appr.	108	°C
Flammability			
evaluation	Not applicable		
Upper and lower explosive limits			
Remarks	not determined		
Flash point			
Value	>	61	°C
Auto-ignition temperature			
Remarks	not determined		
Decomposition temperature			
Value	>	60	°C
Remarks			
Remarks	SADT for receptacles up to 60 kg		
Value	>	50	°C
Remarks			
Remarks	SADT for receptacles > 60 kg		

pH value

Value	<	2	
Temperature		20	°C

Viscosity

dynamic

Value	<	50		mPa.s
Temperature		20	°C	

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Value	1,12		g/cm³
Temperature	20	°C	

Relative vapour density

Remarks not determined

9.2. Other information

Odour threshold

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks Completely miscible

Explosive properties

evaluation not determined

Oxidising properties

evaluation oxidizing

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

Gaseous decomposition products cause pressure to build up in tightly sealed vessels.

10.2. Chemical stability

Protect from contamination.

10.3. Possibility of hazardous reactions

Protect from contamination.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

Reactions with combustible substances. Product reacts with: Alkalis, Amines, Reducing agents

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information

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

Acute oral toxicity

ATE	520			mg/kg
Method	calculated value according to GHS (e.g see UN GHS)			
Remarks	The classification criteria are met.			

Acute oral toxicity (Components)

acetic acid … %

Species	rat			
LD50	3310			mg/kg

hydrogen peroxide solution… %

Species	rat			
LD50	418	to	445	mg/kg

peroxyacetic acid … %

ATE	80	mg/kg

Acute dermal toxicity

ATE	4834	mg/kg
Method	calculated value according to GHS (e.g see UN GHS)	
Remarks	The classification criteria are met.	

Acute dermal toxicity (Components)

acetic acid … %

Species	rabbit	
LD50	1130	mg/kg

peroxyacetic acid … %

ATE	60	mg/kg

Acute inhalational toxicity

ATE	1,4	mg/l
Administration/Form	Dust/Mist	
Method	calculated value according to GHS (e.g see UN GHS)	
Remarks	The classification criteria are met.	

Acute inhalative toxicity (Components)

acetic acid … %

Species	mouse		
LC50	5620		mg/l
Duration of exposure	1	h	

peroxyacetic acid … %

ATE	0,2	mg/l
Administration/Form	Dust/Mist	

Skin corrosion/irritation

evaluation	corrosive
Remarks	The classification criteria are met.

Serious eye damage/irritation

evaluation	corrosive
Remarks	The classification criteria are met.

Sensitization

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

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

evaluation	May cause respiratory irritation.
Remarks	The classification criteria are met.

Repeated exposure

Remarks	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

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

There is no data available on the product apart from the information given in this subsection.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

acetic acid … %

Species	Fathead minnow (Pimephales promelas)			
LC50	106			mg/l
Duration of exposure	24	h		

acetic acid … %

Species	golden orfe (Leuciscus idus)			
LC50	408	to	410	mg/l
Duration of exposure	48	h		

hydrogen peroxide solution… %

Species	Fathead minnow (Pimephales promelas)			
LC50	16,4			mg/l
Duration of exposure	96	h		

peroxyacetic acid … %

Species	rainbow trout (Oncorhynchus mykiss)			
LC50	0,91			mg/l
Duration of exposure	96	h		

Daphnia toxicity (Components)

acetic acid … %

Species	Daphnia magna			
EC50	47	to	95	mg/l
Duration of exposure	24	h		

hydrogen peroxide solution… %

Species	Daphnia pulex			
EC50	2,4			mg/l
Duration of exposure	48	h		

peroxyacetic acid … %

Species	Daphnia magna			
EC50	0,69			mg/l
Duration of exposure	48	h		

Algae toxicity (Components)

hydrogen peroxide solution… %

Species	Chlorella vulgaris			
IC50	4,3			mg/l
Duration of exposure	72	h		

hydrogen peroxide solution… %

Species	Skeletonema costatum			
EC50	1,38			mg/l
Duration of exposure	72	h		

peroxyacetic acid … %

Species	Selenastrum capricornutum			
EC50	0,16			mg/l
Duration of exposure	72	h		

Bacteria toxicity (Components)

hydrogen peroxide solution… %

Species	activated sludge			
EC50	466			mg/l
Duration of exposure	30	min		
Method	OECD 209			

hydrogen peroxide solution… %

Species	activated sludge			
EC50	> 1000			mg/l
Duration of exposure	3	h		
Method	OECD 209			

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 18 01 06* chemicals consisting of or containing dangerous substances
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

EWC waste code 15 01 02 plastic packaging
Completely emptied packagings can be given for recycling.
EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances
Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D		
IMDG-Code segregation group		16 Peroxides	
14.1. UN number or ID number	3109	3109	3109
14.2. UN proper shipping name	ORGANIC PEROXIDE TYPE F, LIQUID, stabilized (peroxyacetic acid)	ORGANIC PEROXIDE TYPE F, LIQUID, stabilized (peroxyacetic acid)	ORGANIC PEROXIDE TYPE F, LIQUID, stabilized (peroxyacetic acid)
14.3. Transport hazard class(es)	5.2	5.2	5.2
Subsidiary risk	8	8	8
Label			
Limited Quantity	125 ml	125 ml	
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant  ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Major-accident categories acc. 2012/18/EU

Category	P6b	SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES	50	tonnes	200	tonnes
Category	E1	Hazardous to the Aquatic	100	tonne	200	tonne

Environment	s	s

Other information

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

Other information

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Org. Perox. F	H242	On basis of test data
Met. Corr. 1	H290	Expert judgement
Acute Tox. 4	H332	Calculation method
Acute Tox. 3	H311	Calculation method
Acute Tox. 4	H302	Calculation method
STOT SE 3	H335	Calculation method
Skin Corr. 1	H314	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method
Eye Dam. 1	H318	Calculation method

Hazard statements listed in Chapter 2/3

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H271	May cause fire or explosion; strong oxidizer.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Flam. Liq. 3	Flammable liquid, Category 3
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Org. Perox. D	Organic peroxide, Type D
Org. Perox. F	Organic peroxide, Type F
Ox. Liq. 1	Oxidising liquid, Category 1
Skin Corr. 1	Skin corrosion, Category 1

Skin Corr. 1A	Skin corrosion, Category 1A
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
IMO: International Maritime Organization
IMDG: International Maritime Code for Dangerous Goods
IBC: Intermediate Bulk Container
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
VOC: Volatile Organic Compound
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)
IBC: Intermediate Bulk Container
LD: Lethal dose
LC: Lethal concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative
SVHC: Substances of very high concern
CAS: Chemical Abstracts Service
TSCA: Toxic Substances Control Act (USA)
IMO: International Maritime Organization
GHS: Globally Harmonized System of classification and Labelling of Chemicals
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
UN: United Nations

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.