

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

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

### 1.1. Product identifier

neodisher endo SEPT PAC

### 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:**

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

GBK/ Infotrac: (USA domestic) +1 800 535 5053 or international +1 352 323 3500

## 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
Skin Corr. 1A	H314
Eye Dam. 1	H318
Acute Tox. 4	H302
Acute Tox. 4	H332
STOT SE 3	H335
Met. Corr. 1	H290
Aquatic Chronic 1	H410

Route of exposure: oral

Route of exposure: inhalative

### 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.

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

H302+H332 Harmful if swallowed or if inhaled.  
 H314 Causes severe skin burns and eye damage.  
 H335 May cause respiratory irritation.  
 H410 Very toxic to aquatic life with long lasting effects.

## 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].  
 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.  
 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; peroxyacetic acid; Acetic acid

## 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### 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

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		
	Flam. Liq. 3 H226		
	Acute Tox. 4 H302		
	Acute Tox. 4 H312		
	Acute Tox. 4 H332		
	Skin Corr. 1A H314		
	Aquatic Acute 1 H400		

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

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

STOT SE 3 H335 >= 1

Additional remarks:

CLP

Regulation (EC) No 1272/2008, Annex VI, Note B, D

## Hydrogen peroxide solution

CAS No. 7722-84-1

EINECS no. 231-765-0

Registration no. 01-2119485845-22

Concentration >= 10 < 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

CLP

Regulation (EC) No 1272/2008, Annex VI, Note B

## 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

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 /  
GB

Date revised: 24.10.2018

Print date: 24.10.18

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 class according to TRGS 510

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

Storage class according to TRGS 510

5.2

Organic peroxides and self-reactive hazardous substances

## Further information on storage conditions

Protect from heat and direct sunlight.

## 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### Hydrogen peroxide solution

List	EH40			
Type	WEL			
Value	1.4	mg/m <sup>3</sup>	1	ppm(V)
Short term exposure limit	2.8	mg/m <sup>3</sup>	2	ppm(V)
Status:	2011			

#### 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

Form	liquid
Colour	colourless
Odour	pungent
Odour threshold	
Remarks	not determined

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 /  
GB

Date revised: 24.10.2018

Print date: 24.10.18

## pH value

Value < 2  
Temperature 20 °C

## Melting point

Remarks not determined

## Freezing point

Remarks not determined

## Initial boiling point and boiling range

Value appr. 105 °C

## Flash point

Value 78,5 °C  
Method DIN EN 22719 / ISO 2719

## Evaporation rate (ether = 1) :

Remarks not determined

## Flammability (solid, gas)

evaluation Not applicable

## Upper/lower flammability or explosive limits

Remarks not determined

## Vapour pressure

Remarks not determined

## Vapour density

Remarks not determined

## Density

Value 1,12 g/cm<sup>3</sup>  
Temperature 20 °C

## Solubility in water

Remarks miscible in all proportions

## Solubility(ies)

Remarks not determined

## Partition coefficient: n-octanol/water

Remarks not determined

## Ignition temperature

Remarks not determined

## Decomposition temperature

Value > 50 °C  
Remarks SADT for receptacles > 60 kg  
Value > 60 °C  
Remarks SADT for receptacles up to 60 kg

## Viscosity

### dynamic

Value < 50 mPa.s  
Temperature 20 °C

## Explosive properties

evaluation not determined

## Oxidising properties

evaluation oxidizing

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

## 9.2. Other information

### Other information

None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

As oxidising agent, attacks organic substances such as wood, paper, fats.

### 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.

#### Decomposition temperature

Value	>	50	°C
Remarks		SADT for receptacles > 60 kg	
Value	>	60	°C
Remarks		SADT for receptacles up to 60 kg	

### 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 toxicological effects

#### Acute oral toxicity

Species	rat			
ATE		300	to	2000 mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)		

#### Acute oral toxicity (Components)

##### Acetic acid

Species	rat			
LD50		3310		mg/kg

##### Hydrogen peroxide solution

Species	rat			
LD50		418	to	445 mg/kg

#### Acute dermal toxicity

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

#### Acute dermal toxicity (Components)

##### Acetic acid

Species	rabbit			
LD50		1130		mg/kg

#### Acute inhalational toxicity

ATE		1	to	5 mg/l
Administration/Form		Dust/Mist		
Method		calculated value (Regulation (EC) No. 1272/2008)		

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

## Acute inhalative toxicity (Components)

### Acetic acid

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

### Skin corrosion/irritation

evaluation strongly corrosive

### Serious eye damage/irritation

evaluation strongly corrosive

### 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)

evaluation May cause respiratory irritation.

### Aspiration hazard

No special hazards have to be mentioned.

### 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 ( <i>Pimephales promelas</i> )		
LC50	106		mg/l
Duration of exposure	24	h	

##### Acetic acid

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

##### peroxyacetic acid

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

##### Hydrogen peroxide solution

Species	Fathead minnow ( <i>Pimephales promelas</i> )		
---------	---	--	--



# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

LC50 16,4 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

### peroxyacetic acid

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

### Hydrogen peroxide solution

Species Daphnia pulex  
EC50 2,4 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

## 12.2. Persistence and degradability

### General information

not determined

## 12.3. Bioaccumulative potential

### General information

not determined

### Partition coefficient: n-octanol/water

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### General information

not determined

### Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

## 12.6. 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.

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods







#### Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN 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		
Label			
Limited Quantity	125 ml		
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS
Tunnel restriction code	D		
IMDG-Code segregation group		16 Peroxides	

### Information for all modes of transport

#### 14.6. Special precautions for user

See Sections 6 to 8

#### Other information

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 24.10.2018

Print date: 24.10.18

## 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	t	200	t
Category	E1	Hazardous to the Aquatic Environment	100	t	200	t

### Water Hazard Class (Germany)

Water Hazard Class (Germany)	WGK 2
Remarks	Derivation of WGK according to Annex 1 No. 5.2 AwSV

### VOC

VOC (EU)	0	%
----------	---	---

### Other information

The product does not contain substances of very high concern (SVHC).

## 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### Hazard statements listed in Chapter 3

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H271	May cause fire or explosion; strong oxidizer.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

### CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Flam. Liq. 3	Flammable liquid, Category 3
Org. Perox. D	Organic peroxide, Type D
Ox. Liq. 1	Oxidising liquid, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A

### Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
GGVSee: Gefahrgutverordnung See  
IMDG: International Maritime Code for Dangerous Goods  
IBC: Intermediate Bulk Container  
EAK: Europäischer Abfallkatalog  
TSCA: Toxic Substances Control Act (USA)  
VOC: Volatile Organic Compound  
AGW: Arbeitsplatzgrenzwert  
MAK: Maximale Arbeitsplatz-Konzentration  
LD: Lethal dose  
LC: Lethal concentration  
PBT: Persistent, Bioaccumulative and Toxic

# neodisher endo SEPT PAC

Version: 4 / GB

Replaces Version: 3 /  
GB

Date revised: 24.10.2018

Print date: 24.10.18

vPvB: Very persistent and very bioaccumulative  
SVHC: Substances of very high concern

## 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.