

# neodisher Septo Fin

Version: 4 / GB

Replaces Version: 3 / GB

Date revised: 26.11.2021

Print date: 16.05.22

## 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

PC8

Biocidal products (e.g. Disinfectants, pest control)

### 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

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)

Acute Tox. 4 H302

Route of exposure: oral

Acute Tox. 4 H332

Route of exposure: inhalative

Skin Sens. 1 H317

Resp. Sens. 1 H334

Skin Corr. 1B H314

Eye Dam. 1 H318

STOT SE 3 H335

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

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H302+H332	Harmful if swallowed or if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

## Precautionary statements

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.
	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 glutaral

## 2.3. Other hazards

No special hazards have to be mentioned. The product contains no PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients \*\*\*

### 3.2. Mixtures

#### Hazardous ingredients \*\*\*

##### alkylether carboxylic acid

CAS No.	53563-70-5			
Concentration	>= 1	< 10	%	
Classification (Regulation (EC) No. 1272/2008)	Eye Dam. 1	H318		

##### glutaral

CAS No.	111-30-8			
EINECS no.	203-856-5			
Registration no.	01-2119455549-26			
Concentration	>= 10	< 25	%	
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 2	H330	Route of exposure: inhalative	
	Acute Tox. 3	H301	Route of exposure: oral	
	Skin Corr. 1B	H314		
	Resp. Sens. 1	H334		
	Skin Sens. 1A	H317		
	STOT SE 3	H335		
	Aquatic Acute 1	H400		
	Aquatic Chronic 2	H411		

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

STOT SE 3	H335	>= 0.5 < 5
Aquatic Acute 1		M = 1
Aquatic Chronic 1		M = 1

## Other information

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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. Adhere to personal protective measures when giving first aid. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

#### After inhalation

Ensure supply of fresh air. Remove affected person from danger area. Seek medical advice immediately.

#### After skin contact

Wash off immediately with soap and water. Seek medical advice immediately.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.

#### After ingestion

Call in a physician immediately and show him the Safety Data Sheet. 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

Dry powder, Foam, 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. Wear full protective suit.

#### 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

Use breathing apparatus if exposed to vapours/dust/aerosol. Avoid contact with skin, eyes and clothing.

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Refer to protective measures listed in Sections 7 and 8.

## 6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Retain and dispose of contaminated wash water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Pick up with absorbent material. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Containers in which spilt substance has been collected must be adequately labelled. 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. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Keep container tightly closed.

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

#### Recommended storage temperature

Value > 0 < 30 °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. Provide solvent-resistant and impermeable floor.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### Storage classes

Storage class according to 8B Non-combustible corrosive hazardous substances  
TRGS 510

#### Further information on storage conditions

Keep under lock and key or accessible only to specialists or people who are authorized.

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### glutaral

List	EH40			
Type	WEL			
Value	0.2	mg/m <sup>3</sup>	0.05	ppm(V)
Short term exposure limit	0.2	mg/m <sup>3</sup>	0.05	ppm(V)
Status: 2011				

#### Other information

There are not known any further control parameters.

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## 8.2. Exposure controls

### General protective and hygiene measures

Hold emergency shower available. Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Storage of foodstuffs in work rooms is forbidden. 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. Respiratory protection mask with combination filter A/P2

### Hand protection

Chemical resistant gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Use

Appropriate Material

Material thickness

Hand protection must comply with EN 374.

Permanent hand contact

neoprene

$\geq$  0,65

mm

> 480

nitrile

$\geq$  0,4

mm

> 480

min

butyl

$\geq$  0,7

mm

> 480

min

Short-term hand contact

nitrile

$\geq$  0,11

mm

### Eye protection

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

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

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

Form

liquid

Colour

green

Odour

characteristic

Odour threshold

Remarks

not determined

pH value

Value

appr. 4,1

Temperature

20

°C

Melting point

Remarks

not determined

Freezing point

Remarks

not determined

Initial boiling point and boiling range

Remarks

not determined

Flash point

Remarks

Not applicable

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## Evaporation rate (ether = 1) :

Remarks not determined

## Flammability (solid, gas)

evaluation Not applicable

## Upper/lower flammability or explosive limits

Remarks Not applicable

## Vapour pressure

Remarks not determined

## Vapour density

Remarks not determined

## Density

Value 1,05 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 applicable

## Decomposition temperature

Remarks not determined

## Viscosity

### dynamic

Value < 50 mPa.s  
Temperature 20 °C

## Explosive properties

evaluation no

## Oxidising properties

evaluation None known

## 9.2. Other information

### Other information

None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2. Chemical stability

No hazardous reactions known.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

No hazardous reactions known.

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## 10.5. Incompatible materials

Reactions with amines.

## 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## 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)			
Remarks	The classification criteria are met.			

#### Acute oral toxicity (Components)

##### glutaral

Species	rat			
	77			mg/kg
Method	OECD 401			

##### alkylether carboxylic acid

Reference substance	alkylether carboxylic acid			
Species	rat			
LD50	>	2000		mg/kg

#### Acute dermal toxicity

Remarks	Based on available data, the classification criteria are not met.
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#### Acute dermal toxicity (Components)

##### glutaral

Species	rabbit			
	>	2000		mg/kg

#### Acute inhalational toxicity

Species	rat			
ATE	1	to	5	mg/l
Administration/Form	Dust/Mist			
Method	calculated value (Regulation (EC) No. 1272/2008)			
Remarks	The classification criteria are met.			

#### Acute inhalative toxicity (Components)

##### glutaral

Species	rat			
LC50	0,28	to	0,48	mg/l
Duration of exposure	4		h	
Administration/Form	Dust/Mist			
Method	OECD 403			

#### Skin corrosion/irritation

evaluation	corrosive
Remarks	The classification criteria are met.

#### Serious eye damage/irritation

evaluation	irritant - risk of serious damage to eyes
Remarks	The classification criteria are met.

#### Sensitization

Route of exposure	dermal
evaluation	sensitizing

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Remarks	The classification criteria are met.
Route of exposure	inhalative
evaluation	sensitizing
Remarks	The classification criteria are met.

## Subacute, subchronic, chronic toxicity

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

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

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

Remarks	Based on available data, the classification criteria are not met.
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## Specific Target Organ Toxicity (STOT)

### Single exposure

evaluation	May cause respiratory irritation.
	Route of exposure inhalative
Remarks	The classification criteria are met.

### Repeated exposure

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

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

## 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)

##### glutaral

Species	Fathead minnow ( <i>Pimephales promelas</i> )
LC50	5,4 mg/l
Duration of exposure	96 h

##### alkylether carboxylic acid

Reference substance	alkylether carboxylic acid
Species	zebra fish ( <i>Brachydanio rerio</i> )
LC50	100 to 220 mg/l
Duration of exposure	96 h

#### Daphnia toxicity (Components)

##### glutaral

Species	Daphnia magna
EC50	5 mg/l
Duration of exposure	48 h

#### Algae toxicity (Components)

##### glutaral



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Species	Selenastrum capricornutum	
LC50	0,81	mg/l
Duration of exposure	120	h

## Bacteria toxicity (Components)

### glutaral

Species	activated sludge	
EC20	appr. 15	mg/l
Duration of exposure	30	min
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

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### 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.

## 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




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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
IMDG-Code segregation group		0 Not applicable	
<b>14.1. UN number</b>	1903	1903	1903
<b>14.2. UN proper shipping name</b>	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (glutaral)	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (glutaral)	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (glutaral)
<b>14.3. Transport hazard class(es)</b>	8	8	8
Label			
<b>14.4. Packing group</b>	III	III	III
Limited Quantity	5 l		
Transport category	3		
<b>14.5. Environmental hazards</b>		no	

## 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 \*\*\*

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

#### Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

#### VOC

VOC (EU) 0 %

#### Other information \*\*\*

The product contains SVHC-substances

### 15.2. Chemical safety assessment

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

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## SECTION 16: Other information

### Hazard statements listed in Chapter 3

H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Sens. 1A	Skin sensitization, 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  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
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  
CAS: Chemical Abstracts Service  
VOC: Volatile Organic Compound  
ISO: International Organization for Standardization  
OEL: Occupational exposure limit  
LD: Lethal dose  
LC: Lethal concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
SVHC: Substances of very high concern  
IUCLID: International Uniform Chemical Information Database  
OECD: Organisation for Economic Co-operation and Development  
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  
EU: European Union

### 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.