

# neosan Dip

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## 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

#### Use of the substance/preparation

Pharmaceuticals

### 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

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

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

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### 2.3. Other hazards

No special hazards have to be mentioned.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### iodine

CAS No.	7553-56-2		
EINECS no.	231-442-4		
Registration no.	01-2119485285-30		
Concentration	<	1	%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4	H302	Route of exposure: oral
	Acute Tox. 4	H312	Route of exposure: dermal
	Acute Tox. 4	H332	Route of exposure: inhalative
	Skin Irrit. 2	H315	
	Eye Irrit. 2	H319	
	STOT SE 3	H335	
	STOT RE 1	H372	Thyroid

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Aquatic Acute 1 H400

## Further ingredients

### Glycerol

CAS No.	56-81-5				
EINECS no.	200-289-5				
Concentration	>=	5	<	10	%

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of persistent symptoms consult doctor.

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

#### After ingestion

Rinse out mouth and give plenty of water to drink.

#### 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

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

### 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

In case of combustion use a suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways.

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

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

## 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 protection against fire and explosion

No special measures required.

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

#### Recommended storage temperature

Value  $\geq$  0  $<$  30 °C

#### Requirements for storage rooms and vessels

Store product in closed containers.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### Storage class according to TRGS 510

Storage class according to TRGS 510 12 Non-combustible liquids

#### Further information on storage conditions

Keep container tightly closed and dry.

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### iodine

List	EH40		
Type	WEL		
Short term exposure limit	1.1	mg/m <sup>3</sup>	0.1 ppm(V)
Status: 2011			

##### Glycerol

List	EH40		
Type	WEL		
Value	10	mg/m <sup>3</sup>	
Status: 2011			

#### Other information

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### General protective and hygiene measures

Observe the usual precautions for handling chemicals.

#### Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

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## Hand protection

Chemical resistant gloves (EN 374)

Use Permanent hand contact  
Appropriate Material neoprene

Material thickness  $\geq$  0,65 mm

Breakthrough time  $>$  480 min

Appropriate Material nitrile

Material thickness  $\geq$  0,4 mm

Breakthrough time  $>$  480 min

Appropriate Material butyl

Material thickness  $\geq$  0,7 mm

Breakthrough time  $>$  480 min

Use Short-term hand contact

Appropriate Material nitrile

Material thickness  $\geq$  0,11 mm

## Eye protection

Safety glasses with side protection shield (EN 166)

## Body protection

Not necessary.

## SECTION 9: Physical and chemical properties

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

**Form** liquid  
**Colour** brown  
**Odour** characteristic

#### Odour threshold

Remarks not determined

#### pH value

Value appr. 2,5  
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

#### Evaporation rate (ether = 1) :

Remarks not determined

#### Flammability (solid, gas)

evaluation not determined

#### Upper/lower flammability or explosive limits

Remarks not determined

#### Vapour pressure

Remarks not determined

#### Vapour density

Remarks not determined

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## Density

Value	1,03		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

Remarks not determined

## Viscosity

Remarks not determined

## Explosive properties

evaluation not determined

## 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.

#### Decomposition temperature

Remarks not determined

### 10.5. Incompatible materials

None known

### 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		
LD50	>	2000	mg/kg

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Method	calculated value (Regulation (EC) No. 1272/2008)
<b>Acute dermal toxicity</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Acute inhalational toxicity</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Sensitization</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Subacute, subchronic, chronic toxicity</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Mutagenicity</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	
Remarks	Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity (STOT)</b>	
Remarks	not determined
<b>Aspiration hazard</b>	
Remarks	No special hazards have to be mentioned.
<b>Other information</b>	
Remarks	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)

##### iodine

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )	
LC50	1,67	mg/l
Duration of exposure	96	h

#### Daphnia toxicity (Components)

##### iodine

Species	Daphnia magna	
LC50	0,59	mg/l
Duration of exposure	48	h

#### Algae toxicity (Components)

##### iodine

Species	Scenedesmus subspicatus	
EC50	0,13	mg/l
Duration of exposure	72	h
Method	OECD 201	

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## Bacteria toxicity (Components)

### iodine

Species	activated sludge		
EC50	280		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

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 discharge product unmonitored into the environment.

## 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	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

### Information for all modes of transport

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## 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 1

Remarks      Classification according to Annex 4 VwVwS

#### 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

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure:
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
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2
STOT RE 1	Specific target organ toxicity - repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### 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.