

# SAFETY DATA SHEET

according to the Globally Harmonized System

## Stellisept med

Version 1.9      Revision Date: 07.03.2024      SDS Number: R11507      Date of last issue: 24.03.2023  
Date of first issue: 19.08.2014

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer or supplier's details

Manufacturer : BODE Chemie GmbH  
Melanchthonstraße 27  
22525 Hamburg (Germany)  
Tel.: +49 (0)40 / 54 00 60

Supplier :

Responsible Department : Scientific Affairs  
sds@bode-chemie.de

Emergency telephone number : Poison Center Göttingen  
24h-Phone +49 (0)551 / 1 92 40

#### Recommended use of the chemical and restrictions on use

Recommended use : In-door use  
For further information, refer to the product technical data sheet.

Restrictions on use : Restricted to professional users.  
Cosmetics

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a dangerous substance according to GHS.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards which do not result in classification

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
dexpanthenol	81-13-0	>= 1 - < 10
Didecyltrimethylammonium chloride	7173-51-5	>= 1 - < 2,5

### 4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible).

In case of eye contact : Flush eyes with water as a precaution.

If swallowed : Do NOT induce vomiting.

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Rinse mouth.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : For specialist advice physicians should contact the Poisons Information Service.

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### 5. FIREFIGHTING MEASURES

Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

Hazardous combustion products : No hazardous combustion products are known

Special protective equipment for firefighters : Use personal protective equipment.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Material can create slippery conditions.

Environmental precautions : Should not be released into the environment.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Flush with plenty of water.

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### 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with eyes.

Conditions for safe storage : Store in original container.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Protective measures : No special protective equipment required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Keep away from food and drink.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

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Odour	:	pleasant
pH	:	5,5 - 6,5 (20 °C)
Melting point/range	:	not determined
Boiling point/boiling range	:	not determined
Flash point	:	Not applicable
Flammability (solid, gas)	:	not auto-flammable
Density	:	1,013 g/cm <sup>3</sup> (20 °C)
Solubility(ies)	:	
Water solubility	:	completely miscible
Viscosity	:	
Viscosity, dynamic	:	350 - 1.000 mPa.s ( 20 °C) Method: ISO 2555 Brookfield DVII+, RV2

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### 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	None reasonably foreseeable.
Conditions to avoid	:	Heat Strong sunlight for prolonged periods.
Incompatible materials	:	None.
Hazardous decomposition products	:	No hazardous decomposition products are known.

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### 11. TOXICOLOGICAL INFORMATION

#### **Acute toxicity**

Not classified based on available information.

#### **Product:**

Acute oral toxicity	:	Acute toxicity estimate: > 5.000 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5.000 mg/kg Method: Calculation method

#### **Components:**

##### **dexpanthenol (CAS: 81-13-0):**

Acute oral toxicity	:	LD50 (Rat): > 10.000 mg/kg
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Acute dermal toxicity : LD50 Dermal (Rat): > 3.500 mg/kg

### **Didecyldimethylammonium chloride (CAS: 7173-51-5):**

Acute oral toxicity : LD50 Oral (Rat): 238 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 3.342 mg/kg

### **Skin corrosion/irritation**

Not classified based on available information.

#### **Product:**

Species : human skin  
Exposure time : 4 d  
Result : No skin irritation

#### **Components:**

##### **dexpanthenol (CAS: 81-13-0):**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

##### **Didecyldimethylammonium chloride (CAS: 7173-51-5):**

Species : Rabbit  
Exposure time : 3 min  
Method : OECD Test Guideline 404  
Result : Corrosive after 3 minutes or less of exposure

### **Serious eye damage/eye irritation**

#### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Product:**

Method : in vitro eye irritation test  
Result : No eye irritation

#### **Components:**

##### **dexpanthenol (CAS: 81-13-0):**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

##### **dexpanthenol (CAS: 81-13-0):**

Species : Guinea pig  
Result : Does not cause skin sensitisation.

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### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Repeated dose toxicity

No data available

### Aspiration toxicity

Not classified based on available information.

### Experience with human exposure

No data available

### Experience with human exposure

No data available

### Neurological effects

No data available

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

#### **dexpanthenol (CAS: 81-13-0):**

- Toxicity to fish : LC50 (Oncorhynchus kisutch (coho salmon)): > 1.000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : ErC50 ( Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

#### **Didecyldimethylammonium chloride (CAS: 7173-51-5):**

- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0,19 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,062 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : ErC50 ( Pseudokirchneriella subcapitata (green algae)): 0,026 mg/l  
Exposure time: 72 h

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Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : NOEC: 0,032 mg/l  
Exposure time: 34 d  
Species: Danio rerio (zebra fish)  
Method: OECD Test Guideline 210

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,014 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

### Persistence and degradability

#### Components:

##### **Didecyldimethylammonium chloride (CAS: 7173-51-5):**

Biodegradability : Method: OECD Test Guideline 301B  
Remarks: Readily biodegradable, according to appropriate OECD test.

### Bioaccumulative potential

#### Components:

##### **Didecyldimethylammonium chloride (CAS: 7173-51-5):**

Partition coefficient: n-octanol/water : log Pow: 2,8 (20 °C)

### Mobility in soil

No data available

### Other adverse effects

No data available

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## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : In accordance with local and national regulations.  
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## 14. TRANSPORT INFORMATION

### ADR

Not regulated as a dangerous good

### UNRTDG

Not regulated as a dangerous good

### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

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### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

### Special precautions for user

Not applicable

## 15. REGULATORY INFORMATION

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

### Other international regulations

The components of this product are reported in the following inventories:

TSCA : For Cosmetic Use Only

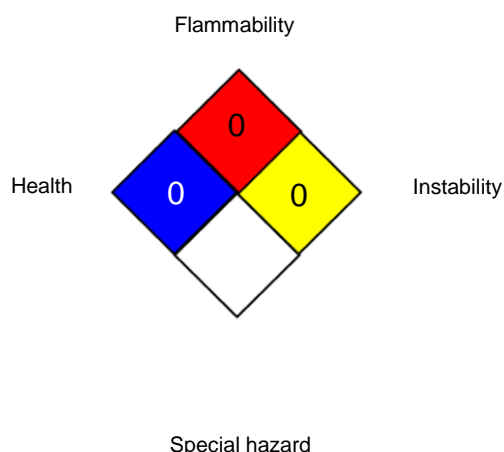
## 16. OTHER INFORMATION

Revision Date : 07.03.2024

Date format : yyyy/mm/dd

### Further information

#### NFPA:



#### HMIS® IV:

HEALTH	/	0
FLAMMABILITY		0
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration;

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ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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TC / EN