

# PRODUCT INFORMATION

## Stellisept med gloves

Version 1.8	Revision Date: 22.02.2024	SDS Number: R11578	Date of last issue: 04.04.2023 Date of first issue: 28.08.2014
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### 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

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Response:**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.

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

None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

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### Components

Chemical name	CAS-No.	Concentration (% w/w)
Propan-1-ol	71-23-8	$\geq 3 - < 10$
Didecyldimethylammonium chloride	7173-51-5	$\geq 0,025 - < 0,1$

### 4. FIRST AID MEASURES

General advice	:	If you feel unwell, seek medical advice (show the label where possible).
In case of eye contact	:	Rinse with plenty of water.
Most important symptoms and effects, both acute and delayed	:	Causes serious eye irritation.
Notes to physician	:	For specialist advice physicians should contact the Poisons Information Service.

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous combustion products	:	No hazardous combustion products are known
Specific extinguishing methods	:	Standard procedure for chemical fires.
Special protective equipment for firefighters	:	Use personal protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions	:	Should not be released into the environment.
Methods and materials for containment and cleaning up	:	Use mechanical handling equipment. Flush with water.

### 7. HANDLING AND STORAGE

Advice on safe handling	:	Avoid contact with eyes.
Conditions for safe storage	:	Store in original container.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Propan-1-ol	71-23-8	TWA	100 ppm	ACGIH

#### Personal protective equipment

Protective measures	:	No special protective equipment required.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice.

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Keep away from food and drink.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid absorbed by inert carrier material
Colour	:	colourless
Odour	:	pleasant
pH	:	5,5 - 6,5 (20 °C)
Boiling point/boiling range	:	not determined
Flash point	:	43,5 °C Method: DIN 51755 Part 1
Density	:	0,991 g/cm <sup>3</sup> (20 °C)
Solubility(ies) Water solubility	:	completely miscible

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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.

#### Components:

#### **Propan-1-ol (CAS: 71-23-8):**

Acute oral toxicity	:	LD50 Oral (Rat): 8.000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat): > 33,8 mg/l Exposure time: 4 h Test atmosphere: vapour Method: OECD Test Guideline 403

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Acute dermal toxicity : LD50 Dermal (Rabbit): 4.032 mg/kg  
Method: OECD Test Guideline 402

### **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.

### **Components:**

#### **Propan-1-ol (CAS: 71-23-8):**

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**

Causes serious eye damage.

### **Product:**

Method : Bovine cornea (BCOP)  
Result : Irritating to eyes.

### **Components:**

#### **Propan-1-ol (CAS: 71-23-8):**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Irreversible effects on the eye

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Components:**

#### **Propan-1-ol (CAS: 71-23-8):**

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Did not cause sensitisation on laboratory animals.

### **Germ cell mutagenicity**

Not classified based on available information.

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#### Components:

##### **Propan-1-ol (CAS: 71-23-8):**

Genotoxicity in vitro : Test Type: in vitro assay  
Result: negative

#### **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:

##### **Propan-1-ol (CAS: 71-23-8):**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 4.554 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.300 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : NOEC ( Chlorella pyrenoidosa (algae)): 1.150 mg/l  
Exposure time: 48 h  
Test Type: Growth inhibition

EC50 ( Pseudokirchneriella subcapitata (green algae)): 9.170 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition

Toxicity to microorganisms : IC50 (Bacteria): > 1.000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

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#### **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  
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:**

#### **Propan-1-ol (CAS: 71-23-8):**

- Biodegradability : Result: Readily biodegradable.

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

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

#### **Bioaccumulative potential**

##### **Components:**

#### **Propan-1-ol (CAS: 71-23-8):**

- Partition coefficient: n-octanol/water : log Pow: 0,25

#### **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**

##### **Product:**

- Adsorbed organic bound halogens (AOX) : Remarks: No data available

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## 13. DISPOSAL CONSIDERATIONS

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#### Disposal methods

- Waste from residues : Dispose of as hazardous waste in compliance 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.  
Store containers and offer for recycling of material when in accordance with the local regulations.

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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

Not regulated as a dangerous good

##### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

##### Special precautions for user

Not applicable

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#### 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

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#### 16. OTHER INFORMATION

Revision Date : 22.02.2024

Date format : yyyy/mm/dd

##### Safety datasheet sections which have been updated:

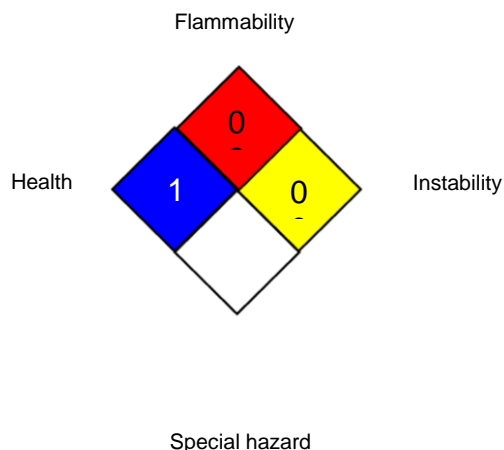
- 2. Hazards identification
- 7. Handling and storage
- 9. Physical and chemical properties

##### Further information

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### NFPA:



### HMIS® IV:

HEALTH	/	1
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

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA : 8-hour, time-weighted average

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; 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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



**Stellisept med gloves**

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