

Trade name: septLIQUID SENSITIVE

Substance number: SUB302022060000

Version: 2 / EU

Date revised: 30.09.2014

the date of issue: 29.01.14

Replaces Version: 1 / EU

Print date: 07.11.14

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

### **1.1. Product identifier**

*septLIQUID SENSITIVE*

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

Human hygiene biocidal products

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
A-5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-Mail regulatoryaffairs@hagleitner.at  
Information provided by / telephone Regulatory Affairs  
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

#### **Address/Supplier**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
AT5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

### **1.4. Emergency telephone number**

Anti Poison Center Vienna: +43 (0)1 406 43430

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
Eye Irrit. 2	H319
STOT SE 3	H336

#### **Classification in accordance with EC directives 1999/45/EC and 67/548/EEC**

Classification

R10
R67
Xi, R36

### **2.2. Label elements**

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

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**Hazard pictograms****Signal word**

Warning

**Hazard statements**

H226 Flammable liquid and vapour.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/container according to the local/national rules and regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Propan-2-ol

Always read the product information and label before use.

**Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

**Hazard symbols**

irritant

**R phrases**

10 Flammable.  
 36 Irritating to eyes.  
 67 Vapours may cause drowsiness and dizziness.

**S phrases**

2 Keep out of the reach of children.  
 16 Keep away from sources of ignition - No smoking.  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 49 Keep only in the original container.  
 60 This material and its container must be disposed of as hazardous waste.

**Hazardous component(s) to be indicated on label**

contains Propan-2-ol

**2.3. Other hazards**

In use, may form flammable/explosive vapour-air mixture.

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

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### 3.2. Mixtures

#### Hazardous ingredients

##### Propan-2-ol

CAS No.	67-63-0	
EINECS no.	200-661-7	
Registration no.	01-2119457558-25-XXXX	
Concentration	= 63	%
Classification	Xi, R36 F, R11 R67	

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225
Eye Irrit. 2	H319
STOT SE 3	H336

#### Other information

Complete text of R-phrases 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. In case of accident or if you feel unwell, seek medical advice immediately.

#### After inhalation

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

#### After skin contact

No special measures required.

#### After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

#### After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

### 4.2. Most important symptoms and effects, both acute and delayed

The following symptoms may occur: Dizziness, Tiredness

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Hints for the physician / treatment

Treat symptomatically

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water mist, Alcohol-resistant foam, ABC powder, Dry chemical extinguisher

#### Non Suitable extinguishing media

Full water jet

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## 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear protective clothing.

### Other information

Cool endangered containers with water spray jet. 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. Ensure adequate ventilation. Use personal protective clothing. 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 (eg sand, kieselgur, acid binder, universal binder, sawdust). 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. Information regarding waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Keep container tightly closed. Use only in well-ventilated areas.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Ignitable mixtures can form in the empty container.

#### Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires                      B (Combustible liquid substances)

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

#### Recommended storage temperature

Value     $\geq$       5     $\leq$       25

#### Storage stability

Storage life: 3 years

#### Requirements for storage rooms and vessels

Storage rooms must be properly ventilated. Keep in original packaging, tightly closed.

#### Hints on storage assembly

Do not store together with: Oxidising agents

#### Further information on storage conditions

Keep at temperature not exceeding 30 °C.

### 7.3. Specific end use(s)

For industrial application only. Human hygiene biocidal products

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Exposure limit values**

##### **Propan-2-ol**

List	MAK(GKV 2003)			
Type	MAK			
Value	500	mg/m <sup>3</sup>	200	ppm(V)
Short term exposure limit	2000	mg/m <sup>3</sup>	800	ppm(V)
Maximum limit value: 4x15 Miw; Status: 12/2011				

### **8.2. Exposure controls**

#### **Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

#### **General protective and hygiene measures**

Avoid contact with eyes. Do not inhale gases/vapours/aerosols. Take off immediately all contaminated clothing. Do not eat, drink or smoke during work time.

#### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

#### **Hand protection**

In case of intensive contact wear protective gloves.

Reference substance	Propan-2-ol		
Appropriate Material	Butyl rubber		
Material thickness	=	0,5	mm
Breakthrough time	>=	8	h
Appropriate Material	nitrile		
Material thickness	=	0,35	mm
Breakthrough time	>=	8	h
Appropriate Material	fluororubber		
Material thickness	=	0,4	mm
Breakthrough time	>=	8	h

#### **Eye protection**

Safety glasses with side protection shield

#### **Body protection**

Clothing as usual in the chemical industry.

## **SECTION 9: Physical and chemical properties**

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

<b>Form</b>	Liquid			
<b>Colour</b>	colourless			
<b>Odour</b>	alcohol-like			
<b>pH value</b>				
Value	appr.	7	to	8,6
Concentration/H <sub>2</sub> O	=	100	%	
<b>Melting point</b>				
Value	<	-20		°C
<b>Initial boiling point and boiling range</b>				
Value	>	85		°C

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**Flash point**

Value = 23 °C

**Upper/lower flammability or explosive limits**

Lower explosion limit = 2 %(V)

Upper explosion limit = 12 %(V)

**Density**Value = 0,876 g/cm<sup>3</sup>**Solubility in water**

Temperature = 20 °C

Remarks miscible

**Viscosity****dynamic**

Value appr. 9 mPa.s

Temperature = 20 °C

**9.2. Other information****Solvent content**

Value = 45 %

**Other information**

Combustible liquid

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

Protect from extreme heat and cold.

**10.3. Possibility of hazardous reactions**

Oxidising agents

**10.4. Conditions to avoid**

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

**10.5. Incompatible materials**

Oxidising agents

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Propan-2-ol**

Species rat

LD50 = 5280 mg/kg

Method OECD 401

Source Manufacturer's data

**Acute dermal toxicity (Components)**

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**Propan-2-ol**

Species	rabbit	
LD50	> 13900	mg/kg
Method	OECD 402	
Source	Manufacturer's data	

**Acute inhalative toxicity (Components)****Propan-2-ol**

Species	rat	
LC50	> 25	mg/l
Duration of exposure	= 6	h
Method	OECD 403	
Source	Manufacturer's data	

**Skin corrosion/irritation**

Remarks No data available

**Serious eye damage/irritation**

Remarks Eye contact with the product may lead to irritation.

**Sensitization**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks not determined

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks not determined

**Repeated exposure**

Remarks not determined

**Experience in practice**

Has a degreasing effect on the skin. When inhaled in larger quantities, the solvent vapours cause a narcotic effect.

**Other information**

Product specific toxicological data are not known.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

The values mentioned are those of the active ingredient.

**Fish toxicity (Components)****Propan-2-ol**

Species	golden orfe (Leuciscus idus)	
LC50	8970 to 9280	mg/l
Duration of exposure	48	h
Source	IUCLID	

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**Daphnia toxicity (Components)****Propan-2-ol**

Species	Daphnia magna		
EC50	9714		mg/l
Duration of exposure	24	h	
Source	IUCLID		

**Algae toxicity (Components)****Propan-2-ol**

Species	Scenedesmus quadricauda		
LOEC	1800		mg/l
Duration of exposure	7	d	
Source	IUCLID		

**Bacteria toxicity (Components)****Propan-2-ol**

Species	Pseudomonas putida		
LOEC	1050		mg/l
Duration of exposure	16	h	
Source	IUCLID		

**12.2. Persistence and degradability****General information**

not determined

**Physico-chemical eliminability**

Reference substance Propan-2-ol

**Biodegradability**

evaluation Readily biodegradable (according to OECD criteria)

**12.3. Bioaccumulative potential****General information**

No data available

**12.4. Mobility in soil****General information**

No data available

**12.5. Results of PBT and vPvB assessment****General information**

No data available

**12.6. Other adverse effects****General information**

No data available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 20 01 13\* solvents

Dispose of as hazardous waste.

**Disposal recommendations for packaging**

EWC waste code 15 01 02 plastic packaging



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Uncontaminated packaging may be taken for recycling.

## **SECTION 14: Transport information**

### **Land transport ADR/RID**

#### **14.1. UN number**

UN 1987

#### **14.2. UN proper shipping name**

ALCOHOLS, N.O.S. (Propan-2-ol)

#### **14.3. Transport hazard class(es)**

Class 3

Label 3

#### **14.4. Packing group**

Packing group III

Limited Quantity 5 I

Transport category 3

#### **14.5. Environmental hazards**

-

Tunnel restriction code D/E



### **Marine transport IMDG/GGVSee**

#### **14.1. UN number**

UN 1987

#### **14.2. UN proper shipping name**

ALCOHOLS, N.O.S. (Propan-2-ol)

#### **14.3. Transport hazard class(es)**

Class 3

#### **14.4. Packing group**

Packing group III

#### **14.5. Environmental hazards**

-

### **Air transport ICAO/IATA**

#### **14.1. UN number**

UN 1987

#### **14.2. UN proper shipping name**

ALCOHOLS, N.O.S. (Propan-2-ol)

#### **14.3. Transport hazard class(es)**

Class 3

#### **14.4. Packing group**

Packing group III

#### **14.5. Environmental hazards**

-

### **Information for all modes of transport**

#### **14.6. Special precautions for user**

The relevant transport regulations have to be considered.

### **Other information**

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not determined

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## **SECTION 15: Regulatory information**

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

#### **VOC**

VOC (CH)	=	63	%
VOC (EU)	=	63	%

#### **Biocide Substance**

Propan-2-ol			
Concentration	630	g/kg	
CAS No.	67-63-0		

### **15.2. Chemical safety assessment**

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

## **SECTION 16: Other information**

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (\*) in the left-hand margin.

#### **R-phrases listed in Chapter 3**

11	Highly flammable.
36	Irritating to eyes.
67	Vapours may cause drowsiness and dizziness.

#### **Hazard statements listed in Chapter 3**

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

#### **CLP categories listed in Chapter 3**

Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
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  
 IATA: International Civil Aviation Organization  
 CAS: Chemical Abstracts Service  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 VOC: Volatile Organic Compound  
 INCI: International Nomenclature of Cosmetic Ingredients  
 MAK: Maximale Arbeitsplatz-Konzentration  
 NOEL: No observable effect level  
 NOEC: No observable effect concentration  
 LD: Lethal dose  
 LC: Lethal concentration  
 REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

#### **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.





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