

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 02.07.2021

Version number 1

Revision: 02.07.2021

- **1.1 Product identifier**
- **Trade name:** *PuraDES DecaBAC S*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages PW** *Widespread use by professional workers*
- **Sector of Use**  
*SU20 Health services*  
*SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)*
- **Product category PC8** *Biocidal products*
- **Technical function** *Biocide*
- **Application of the substance / the mixture** *Surface disinfectant*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*PRISMAN GmbH*  
*Otto Hahn Ring 6-18*  
*D-64653 Lorsch*  
*Germany*
- **Further information obtainable from:**  
*Abteilung Produktsicherheit*  
*Alexander.Metz@prisman.de*
- **1.4 Emergency telephone number:** *++49 (0)6251 866980-0, Mo - Fr 8-18 Uhr*

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*Flam. Liq. 3 H226 Flammable liquid and vapour.*  
*Eye Irrit. 2 H319 Causes serious eye irritation.*  
*STOT SE 3 H336 May cause drowsiness or dizziness.*

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** *Warning*
- **Hazard-determining components of labelling:**  
*propan-1-ol*
- **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.*  
*P280 Wear eye protection / face protection.*  
*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.*  
*P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Labelling of packages where the contents do not exceed 125 ml -**
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*

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· **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### · 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

#### · **Dangerous components:**

|   |   |         |
|---|---|---------|
| CAS: 71-23-8<br>EINECS: 200-746-9<br>Index number: 603-003-00-0<br>RTECS: UH 8225000<br>Reg.nr.: 01-2119486761-29 | <b>propan-1-ol</b><br>⚠ Flam. Liq. 2, H225; ⚠ Eye Dam. 1, H318; ⚠ STOT SE 3, H336 | 10-25%  |
| CAS: 67-63-0<br>EINECS: 200-661-7<br>Index number: 603-117-00-0<br>RTECS: NT 8050000<br>Reg.nr.: 01-2119457558-25 | <b>propan-2-ol</b><br>⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 | 2.5-10% |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

#### · **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### · **After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

#### · **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### · 5.3 Advice for firefighters

· **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

#### · 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

#### · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in upright position.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

#### 71-23-8 propan-1-ol

|     |   |
|-----|---|
| WEL | Short-term value: 625 mg/m <sup>3</sup> , 250 ppm |
|     | Long-term value: 500 mg/m <sup>3</sup> , 200 ppm  |
|     | Sk  |

#### 67-63-0 propan-2-ol

|     |  |
|-----|--|
| WEL | Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm |
|     | Long-term value: 999 mg/m <sup>3</sup> , 400 ppm   |

- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**  
Rubber gloves
- **For the permanent contact gloves made of the following materials are suitable:** Neoprene gloves
- **As protection from splashes gloves made of the following materials are suitable:**  
Butyl rubber, BR  
Nitrile rubber, NBR
- **Eye protection:**



Tightly sealed goggles

## SECTION 9: Physical and chemical properties

|  |   |
|--|---|
| · <b>9.1 Information on basic physical and chemical properties</b> |   |
| · <b>General Information</b>                                       |   |
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Liquid  |
| · <b>Colour:</b>   | Colourless  |
| · <b>Odour:</b>  | Alcohol-like  |
| · <b>Odour threshold:</b>  | Not determined.   |
| · <b>pH-value:</b> Not determined.                                 |   |
| · <b>Change in condition</b>                                       |   |
| · <b>Melting point/freezing point:</b>                             | Undetermined.   |
| · <b>Initial boiling point and boiling range:</b>                  | 82 °C   |
| · <b>Flash point:</b>  | 30 °C   |
| · <b>Flammability (solid, gas):</b>                                | Not applicable.   |
| · <b>Ignition temperature:</b>                                     | 360 °C  |
| · <b>Decomposition temperature:</b>                                | Not determined.   |
| · <b>Auto-ignition temperature:</b>                                | Product is not selfigniting.  |
| · <b>Explosive properties:</b>                                     | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · <b>Explosion limits:</b>   |   |
| · <b>Lower:</b>  | 2.1 Vol % (1-Propanol)  |
| · <b>Upper:</b>  | 13.5 Vol % (1-Propanol)   |
| · <b>Vapour pressure at 20 °C:</b>                                 | 23 hPa  |
| · <b>Density at 20 °C:</b>   | 0.95 g/cm <sup>3</sup>  |
| · <b>Relative density</b>  | Not determined.   |
| · <b>Vapour density</b>  | Not determined.   |
| · <b>Evaporation rate</b>  | Not determined.   |
| · <b>Solubility in / Miscibility with water:</b>                   | Fully miscible.   |
| · <b>Partition coefficient: n-octanol/water:</b>                   | Not determined.   |
| · <b>Viscosity:</b>  |   |
| · <b>Dynamic:</b>  | Not determined.   |

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|                                |  |
|--------------------------------|--|
| <b>Kinematic:</b>              | Not determined.                            |
| <b>· Solvent content:</b>      |  |
| <b>Organic solvents:</b>       | 25.0 %                                     |
| <b>VOC (EC)</b>                | 25 %                                       |
| <b>· 9.2 Other information</b> | No further relevant information available. |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

|          |  |
|----------|--|
| 07 00 00 | WASTES FROM ORGANIC CHEMICAL PROCESSES   |
| 07 06 00 | wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics |
| 07 06 99 | wastes not otherwise specified   |

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, IMDG, IATA**

UN1987

· **14.2 UN proper shipping name**

· **ADR**

1987 ALCOHOLS, N.O.S. (n-PROPANOL (PROPYL ALCOHOL, NORMAL), ISOPROPANOL (ISOPROPYL ALCOHOL))

· **IMDG, IATA**

ALCOHOLS, N.O.S. (n-PROPANOL (PROPYL ALCOHOL, NORMAL), ISOPROPANOL (ISOPROPYL ALCOHOL))

· **14.3 Transport hazard class(es)**

· **ADR, IMDG, IATA**



· **Class**

3 Flammable liquids.

· **Label**

3

· **14.4 Packing group**

· **ADR, IMDG, IATA**

III

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Warning: Flammable liquids.

· **Hazard identification number (Kemler code):**

30

· **EMS Number:**

F-E,S-D

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **Transport category**

3

· **Tunnel restriction code**

D/E

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|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul> | <p>5L<br/>Code: E1<br/>Maximum net quantity per inner packaging: 30 ml<br/>Maximum net quantity per outer packaging: 1000 ml</p> |
| <ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>  | <p>UN 1987 ALCOHOLS, N.O.S. (N-PROPANOL (PROPYL ALCOHOL, NORMAL), ISOPROPANOL (ISOPROPYL ALCOHOL)), 3, III</p>                   |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008 GHS label elements**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H225 Highly flammable liquid and vapour.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.
- **Department issuing SDS:** Abteilung Produktsicherheit
- **Contact:** Hr. Dr. Metz
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- **\* Data compared to the previous version altered.**