

Surface Cleaner

Active disinfectants:

1. ethanol 70%
 2. benzyl-C12-16-alkyldimethylchlorides (0.06%)
 3. quaternary ammonium compounds
 4. chlorides 0,15%
- Package - 8 pieces
 - Palette - 576 pieces

750 ml



SAFETY DATA SHEET
ACCORDING REGULATION NO.1907/2006 (EC)



Date: April 2020, version 1

Trade name of the product: **SealDez**

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

SealDez

Inventory No. LV14042020/3076. Biocide. Product type 1., 2. and 4.

1.2. Relevant identified uses of the mixture:

Hand and surface cleaning (treatment) product

2. HAZARDS IDENTIFICATION:

2.1. Classification of mixture according to Regulation 1272/2008 EC

Flam liq. 2
Eye Irrit. 2
STOT SE 3

2.2. Label elements according to Regulation 1272/2008 EC



Danger

H319 Causes serious eye irritation.

H225 Highly flammable liquid and vapour

H336 May cause drowsiness or dizziness

P102 Keep out of reach of children.

P280 Wear eye /face protection.

P210 Keep away from heat/open flames/hot surfaces. – No smoking.

P261 Avoid breathing spray.

P271 Use only outdoors or in a well-ventilated area.

P304+P340 EN IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS/EC/REACH no.	Substance name	Concentration, %	Classification according to Regulation 1272/2008/EC
64-17-5/ 200-578-6	Ethanol (~96%)	70	H225 Flam.Liq.2 H319 Eye Irrit. 2 (Specifiskās koncentrācijas robeža: Eye Irrit. 2, ja c ≥ 50%)
68424-85-1/ 270-325-2/ 01-2119970550-39-xxxx	Quaternary ammonium	0,06	H302 Acute Tox. 4 H314 Skin Corr. 1B

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	compounds, benzyl-C8-18- alkyldimethyl, chlorides	H318 Eye Dam. 1 H400 Aquatic Acute 1 H410 Aquatic Chronic 1
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4. FIRST AID MEASURES:

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| 4.1. If the product is inhaled: | Supply fresh air; consult doctor in case of complaints. |
| 4.2. Skin contact: | Wash with water and soap. If persistent irritation occurs, get medical attention. |
| 4.3. Eye contact: | Rinse the opened eye for several minutes under running water. Ensure adequate flushing by separating the eyelids with fingers. If symptoms persist, consult a physician. |
| 4.5. If the product is swallowed: | If symptoms persist, consult a physician. |
| 4.6. Indication of any immediate medical attention and special treatment needed | No further relevant information available. |

5. FIRE-FIGHTING MEASURES:

- | | |
|---|---|
| Suitable extinguishing media: | If the inflammation is small – sand, soil, coarse cloth covers. Alcohol-proof extinguishing foam, extinguishing media – powder, CO ₂ . |
| Extinguishing media which shall not be used for safety reasons: | Not known. |
| Hazard by flammable product: | Not known. |
| Advice for firefighters | Wear fully protective suit. |

6. ACCIDENTAL RELEASE MEASURES:

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|----------------------------------|---|
| Personnel security measures: | Wear eye /face protection. |
| Environment protection measures: | Do not drain the product undiluted. |
| Collection methods: | Wipe and collect with any type of cloth or mop. Residues of the product rinse with water. |

7. HANDLING AND STORAGE:

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| Measures to guarantee safety at work | Avoid inhalation of fumes, if the product is sprayed. Wear eye /face protection. Do not drink or eat during working with the product. Follow conventional hygiene measures. |
| Environment protection measures: | Do not drain the product undiluted. |
| Safe storage conditions: | Store in closed store houses. It is not allowed to store the product together with foodstuffs or animal feed. The store houses must be equipped with ventilation, a water-pipe outlet and a hand washing appliance. Storage temperature: + 5°C to + 30°C. Keep away from heat/open flames/hot surfaces. – No smoking. |
| Particular types of application: | See product label. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

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|---|---|
| Limit-values for professional exposure: | The limit value for professional exposure (TWA) to Ethanol: for 8 hours - 1000mg/m ³ . |
| Individual protection: | |
| Respiratory protection: | Use in a well-ventilated areas only. Wear eye /face protection. |
| Hands protection: | Is not necessary |
| Eyes protection: | Wear eye /face protection (for example EN 166). |

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Environment protection: Do not drain the product undiluted.
Hygiene measures at work: Follow conventional hygiene measures.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Transparent, clear liquid
Color:	Colorless
Smell:	Light, characteristic for ethyl alcohol
Product pH:	~8,6
Freezing point:	~ 0°C
Flash point:	~35°C
Flammable temperature:	≥ 21°C ≤ 60°C
Oxidizing/reducing properties:	No data
Vapor pressure:	No data
Relative density:	~0,885g/cm ³ (20 °C)
Solubility in water:	soluble
Solubility in grease:	No data
Water/n-octanol degradation coefficient:	No data
Thermal decomposition:	Storage and use in accordance with the rules/as provided shall not be thermal decomposition.

10. STABILITY AND REACTIVITY:

10.1. Reactivity	Not known.
10.2. Chemical stability	Stable at recommended storage conditions.
10.3. Possibility of hazardous reaction	No dangerous reactions known.
10.4. Conditions to avoid	Heat, flame, sparks.
10.5. Incompatible materials	No further relevant information available.

11. TOXICOLOGICAL INFORMATION:

Types of effect:

Toxicity:

Ethanol: LD50 (oral rats): 10470 mg/kg, LD50 (dermal rabbits): > 20000 ml/kg, LD50 (inhalation rats): 124,7 mg/l;

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides : LD50 (oral rats) 397,5mg/kg, LD50 (dermal rabbits) – 2848-3412,5 mg/kg, LD50 (dermal rats) – 800-1420 mg/kg.

Eyes contact:	Causes serious eye irritation.
Skin contact:	Does not classified as irritating to skin
Sensibility:	None of the components of the product have sensitizing properties.
Respiratory or skin sensitisation	No evidence that any of the components of the product would have sensitizing properties.
Germ cell mutagenicity	No evidence that any of the components of the product would have such classification.
Carcinogenicity	No evidence that any of the components of the product would have such classification.

12. ECOLOGICAL INFORMATION:

12.1. Toxicity

Product ingredient acute ecotoxicity:

Ethanol: LC50 (fish, 96h): ~ 14200 mg/l, LC50 (aquatic invertebrates, 48h): 5012 mg/l, EC50 (algae, 96h): 2400 ppm;

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides : EC50 (*Daphnia magna*, 48h): 0,016 mg/l (EU EC C.2) (multiplication factor M -10).

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Product ingredient chronic ecotoxicity:

Ethanol: NOEC (fish, 24d): > 1 mg/l;

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides: NOEC (fish, 28d): 0,0322 mg/l, NOEC (daphnia, 21d): 0,025 mg/l (OECD 211).

12.2. Persistence and Degradability

Ethanol: Easily biologically degraded –74% 28 days;

Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides: 95,5% (28d, CO₂ impact test, OECD 301B), 64% (70d, CO₂ impact test, OECD 301B), 63% (28d, closed bottle test, OECD 301D).

12.3. Bioaccumulation potential

Assessment of bioaccumulation potential: low potential for bioaccumulation

12.4. Mobility in soil

Transfer of assessment between environmental sectors: No data.

12.5. PBT and vPvB expertise results

This product does not comply with PBT (persistence / bioaccumulation / toxicity) or vPvB persistence / very bioaccumulation) criteria

12.6. Other negative impact on the environment

The product does not contain substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

12.7. Additional information

Additional notes on environmental fate and direction: Treatment in biological wastewater treatment plants should be performed in accordance with local and administrative regulations requirements of this Regulation. Other ecotoxicological advice: The product has not been fully tested. This statement is based on data on a similar structure or composition substances / articles.

13. DISPOSAL CONSIDERATIONS:

Residuals of the product:	Use the product fully, without leaving residuals.
Packaging waste:	Into household waste, or to be recycled, if sorted waste collection is present.

14. TRANSPORT INFORMATION:

Transported in closed, clean vehicles, protected from the effects of the external environment in accordance with the regulations for the carriage of goods on the relevant mode of transport. It is forbidden to transport in specialized food transport vehicles.

15. REGULATORY INFORMATION

Laws and regulations:	Regulation (EC) No. 1907/2006 Regulation (EC) No. 1272/2008 REGULATION (EU) No 528/2012 Republic of Latvia Cabinet Regulation No. 628 Adopted 27 August 2013 Requirements in Relation to Activities with Biocidal Products Republic of Latvia Cabinet Regulation No. 325 Adopted 15 May 2007 Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces
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Republic of Latvia Cabinet Regulation No. 795 Adopted 22 December 2015
Procedures for Registration of Chemical Substances and Mixtures and Their
Database

16. OTHER INFORMATION:

Other data:

The information provided in this security data sheet is based on the data supplied by the manufacturer of the product. The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

As regards the dangerous health which is dangerous to health and which is described in Regulation (EC) No. In Annex I to Regulation (EC) No. section. Applying a method that is clear and that is Part 3 and Part 4 is a mixture of ingredients