

SAFETY DATA SHEET

OROSEPT VK

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Revision No: 1

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

Product name: OROSEPT VK**Use of substance / mixture:** All-purpose disinfection cleaner for professional users**Company name:** KLEEN PURGATIS GmbH

Dieselstraße 10

D - 32120 Hiddenhausen

Deutschland

Tel: +49 (0)5223 - 9970-40

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Emergency tel: +49 (0)551 - 19240 (GIZ-Nord)

Email: info@kleen-purgatis.de

2. HAZARDS IDENTIFICATION

Classification under CHIP: Causes burns.**Workplace exposure limit:** This product does not have a workplace exposure limit.**PBT:** This substance is not identified as a PBT substance.**Directive 1999/45/EC:** This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: DIDECYLDIMETHYLAMMONIUM CHLORIDE 5-10%

EINECS: 230-525-2 CAS: 7173-51-5

[Xn] R22; [C] R34

- 2-AMINOETHANOL 5-10%

EINECS: 205-483-3 CAS: 141-43-5

[Xn] R20/21/22; [C] R34

- PROPAN-2-OL 1-5%

EINECS: 200-661-7 CAS: 67-63-0

[F] R11; [Xi] R36; [-] R67

- KALIUMCARBONAT 1-5%

EINECS: 209-529-3 CAS: 584-08-7

[Xi] R36/37/38

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

[cont...]

Ingestion: Wash out mouth with water. If conscious, give half a litre of water to drink immediately.

Do not induce vomiting. Consult a doctor.

Inhalation: Move affected person into fresh air. In case of respiratory tract irritation, consult a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Dry chemical powder. Foam. Use water spray to cool containers.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Refer to section 13 of SDS for suitable method of disposal.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: 2-AMINOETHANOL

UK - 8 hour TWA: 7.6 mg/m³

UK - 15 min. STEL: 15 mg/m³

- PROPAN-2-OL

UK - 8 hour TWA: 999 mg/m³

UK - 15 min. STEL: 1250 mg/m³

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Suitable material: NR (natural rubber), CR (polychloroprene) or NBR (nitrile rubber), category III according to EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough time (maximal wear duration): Wear duration with occasional contact, splashes (Level 2: < 30 min): Disposable-gloves, Thickness of the material 0,1mm. Wear duration with permanent contact (Level 6: < 480min): Protective gloves, Thickness of the glove material 0,7 mm. Breakthrough times and swelling properties of the material must be taken into consideration.

Eye protection: Tightly fitting safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pale yellow

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Kinematic visc. 40°C (mm²/s): 30 mPas

Vapour pressure: 23 hPa

Relative density: 1,06 g/ml

pH: 13

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong acids.

Haz. decomp. products: After contact with acids development of heat.

11. TOXICOLOGICAL INFORMATION

Toxicity value(s): ORL RAT LD50 238 mg/kg

Acute effects: Causes burns.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

12. ECOLOGICAL INFORMATION

Ecotoxicity value(s): Daphnia magna 48H EC50 0,094 mg/l

Poecilia reticulata 96H LC50 1,2 mg/l

Oncorhynchus mykiss 96H LC50 150 mg/l

Daphnia magna 224H EC50 120 mg/l

Mobility: no data available.

Persistence and degradability: The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Bioaccumulative potential: No data available.

Other adverse effects: The product has not been tested. Data apply to the components with the highest toxicological risk.

PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of waste according to applicable local, state and federal regulations.

Waste code number: 07 06 99

Disposal of packaging: May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1903

ADR Class: 8

Packing group: III

Classification code: C9

Shipping name: DISINFECTANT, LIQUID, CORROSIVE, N.O.S.

Labelling: 8

Hazard ID no: 80



IMDG / IMO

UN no: 1903

Class: 8

Packing group: III

EmS: F-A,S-B

Labelling: 8

IATA / ICAO

UN no: 1903

Class: 8

Packing group: III

Packing instructions: 818(P&CA); 820(CAO)

Labelling: 8

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Corrosive.



Risk phrases: R34: Causes burns.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SAFETY DATA SHEET

OROSEPT VK

Haz. ingredients (label): DIDECYLDIMETHYLAMMONIUM CHLORIDE; 2-AMINOETHANOL

Note: Chemical Safety Assessment: For this preparation a chemical safety assessment has not been carried out. Regulation (EC) No 648/2004 (Detergents regulation) The preparation comply with the criteria as laid down in Regulation (EC) No. 648/2004 on detergents. The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Data references: Safety data sheets from our raw material suppliers

Department issuing MSDS: Product Development Department; Contact: Ms. Tiemann, Ms. Klumpe

Risk phrases used in s.3: R22: Harmful if swallowed.

R34: Causes burns.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

R36/37/38: Irritating to eyes, respiratory system and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.