

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006  
amended by Regulation (EU) 2020/878



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Compilation date: 20.09.2010

Revision date: 15.11.2023

Revision No: 6.1

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

### 1.1. Product identifier

Product name: OROSEPT VK

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

Use of substance / mixture: All-purpose disinfection cleaner for professional users

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

Company name: Premiere Produkter AS  
Austbøsletta 6, 4085 Hundvåg,  
Tlf: +47 51 85 83 00 ,  
Email: post@premiere-produkter.no

### 1.4. Emergency telephone number

Emergency tel: +47 22 59 13 00

## \*Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1B: H314; Aquatic Chronic 2: H411; Aquatic Acute 1: H400

Most important adverse effects: Causes severe skin burns and eye damage. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.  
H400: Very toxic to aquatic life.  
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion  
GHS09: Environmental



Signal words: Danger

Hazard components for labelling: didcyldimethylammonium chloride, 2-aminoethanol, potassium carbonate, propan-2-ol

Precautionary statements: P280: Wear protective gloves/eye protection/face protection.

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P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water [or shower].

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER / doctor.

P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

2-AMINOETHANOL - REACH registered number(s): 01-2119486455-28-0000

EINECS	CAS	SCL	CLP Classification	Percent
205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	5-10%

DIDECYLDIMETHYLAMMONIUM CHLORIDE - REACH registered number(s): 01-2119945987-15-0000

230-525-2	7173-51-5	-	Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	5-10%
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POTASSIUM CARBONATE - REACH registered number(s): 01-2119532646-36-0000

209-529-3	584-08-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	1-5%
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PROPAN-2-OL - REACH registered number(s): 01-2119457558-25-0000

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-5%
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Contains 6,9g didecyldimethylammonium chloride per 100g.

## Section 4: First aid measures

### 4.1. Description of 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.

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

[cont...]

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**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

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

**Skin contact:** Severe burns may occur.

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

**Ingestion:** There may be soreness and redness of the mouth and throat. Chemical burns can occur in the upper gastrointestinal tract.

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

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

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

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

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

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

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

[cont...]

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Storage class: 8B  
(Non-combustible corrosive substances)

**Suitable packaging:** Must only be kept in original packaging.

## 7.3. Specific end use(s)

**Specific end use(s):** GISCODE: GD40

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

#### 2-AMINOETHANOL

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	2.5 mg/m <sup>3</sup>	7.6 mg/m <sup>3</sup>	-	-

#### PROPAN-2-OL

UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**Hazardous ingredients:**

#### 2-AMINOETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	3,3 mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal (repeated dose)	1mg/kg	Workers	Systemic
DNEL	Inhalation (repeated dose)	2 mg/m <sup>3</sup>	Population	Local
DNEL	Dermal (repeated dose)	0,24 mg/kg	Population	Systemic
DNEL	Oral (repeated dose)	3,75 mg/kg	Population	Systemic
PNEC	Fresh water	0,085 mg/l	-	-
PNEC	Marine water	0,009 mg/l	-	-
PNEC	Soil (agricultural)	0,037 mg/kg	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure storage room has retention walls.

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

**Hand protection:** Wear chemical-resistant disposable protective gloves according to EN 374. 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.

[cont...]

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**Eye protection:** Tightly fitting safety goggles. according to EN 166:2001.

**Skin protection:** Not applicable.

**Environmental:** Ensure storage room has retention walls.

## Section 9: Physical and chemical properties

### 9.1. Information on basic 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 viscosity:** 30 mPas

**Viscosity test method:** rotational viscometer, 20°C

**Boiling point/range°C:** No data available.

**Flammability limits %: lower:** Not applicable.

**Flash point°C:** >60

**Autoflammability°C:** Not applicable.

**Relative density:** 1,06 g/ml

**VOC g/l:** 9,4%

**Melting point/range°C:** Not applicable.

**upper:** Not applicable.

**Part.coeff. n-octanol/water:** No data available.

**Vapour pressure:** 23 hPa

**pH:** 13

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong acids.

### 10.6. Hazardous decomposition products

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

[cont...]

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### 2-AMINOETHANOL

IVN	RAT	LD50	225	mg/kg
ORL	MUS	LD50	700	mg/kg
ORL	RAT	LD50	1720	mg/kg
SCU	RAT	LD50	1500	mg/kg

##### DIDECYLDIMETHYLAMMONIUM CHLORIDE

DERMAL	RBT	LD50	3342	mg/kg
ORAL	RAT	LD50	238	mg/kg

##### PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** Severe burns may occur.

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

**Ingestion:** There may be soreness and redness of the mouth and throat. Chemical burns can occur in the upper gastrointestinal tract.

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

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### DIDECYLDIMETHYLAMMONIUM CHLORIDE

Daphnia magna	48H EC50	0,062	mg/l
Pimephales promelas	96H LC50	0,19	mg/l

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Pseudokirchneriella subcapitata	96H ErC50	0,026	mg/l
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## 12.2. Persistence and degradability

**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.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** No data available.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Waste code number:** 07 06 99

**Disposal of packaging:** Arrange for collection by specialised disposal company.

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

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1903

### 14.2. UN proper shipping name

**Shipping name:** DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (didecyldimethylammonium chloride, 2-aminoethanol)  
LQ: 5l

### 14.3. Transport hazard class(es)

**Transport class:** 8

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

[cont...]

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## 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** Ingredients according to Regulation (EC) No 648/2004:

5-15% non-ionic surfactants, cationic surfactants

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* 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: Mrs. Klumpe, Mr. Rethmeier

**Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:**

Calculation method

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.