

Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 21.11.2023

Version number 6 (replaces version 5)

Revision: 19.10.2023

- **1.1 Product identifier**
- **Trade name: *Omni Salivasept***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** *Disinfectant*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Hersteller/Lieferant:
PRISMAN GmbH
Otto Hahn Ring 6-18
D-64653 Lorsch - Germany
-
- Vertrieb durch:*
OMNIDENT DentalHandelsgesellschaft mbH
Gutenbergring 5
D-63110 Rodgau
Tel.: +49 (0) 6106 874-0
- **Further information obtainable from:**
Produktmanagement
Fon: +49 (6106) 8 74 - 0
- **1.4 Emergency telephone number:**
Erreichbar werktags von: 8.00 - 16.30 Uhr
Tel: +49 (6106) 874 -0
Fax: +49 (6106) 874 -265
info@omnident.de

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.
Skin Corr. 1A H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**
- | | |
|---|---|
|  |  |
| GHS02 | GHS05 |
- **Signal word** *Danger*
- **Hazard statements**
H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe mist/vapours/spray.
P273 Avoid release to the environment.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 6 (replaces version 5)

Revision: 19.10.2023

Trade name: Omni Salivasept

(Contd. of page 1)






- P280 *Wear protective gloves / eye protection.*
- 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.*
- P403+P235 *Store in a well-ventilated place. Keep cool.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 RTECS: KQ 6300000 Reg.nr.: 01-2119457610-43-XXXX	ethanol  Flam. Liq. 2, H225	10-25%
CAS: 2372-82-9 EINECS: 219-145-8 Reg.nr.: 01-2119980592-29-xxxx	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine  Acute Tox. 3, H301; Acute Tox. 3, H311  STOT RE 2, H373  Skin Corr. 1A, H314  Aquatic Chronic 1, H410	≤ 1.0%

- **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**
- **General information:**
 - Immediately remove any clothing soiled by the product.*
 - Take affected persons out of danger area and lay down.*
 - Position and transport stably in side position.*
 - In case of irregular breathing or respiratory arrest provide artificial respiration.*
 - Take affected persons out into the fresh air.*
- **After inhalation:**
 - Supply fresh air; consult doctor in case of complaints.*
 - In case of unconsciousness place patient stably in side position for transportation.*
- **After skin contact:**
 - Immediately wash with water and soap and rinse thoroughly.*
 - If skin irritation continues, consult a doctor.*
- **After eye contact:** *Rinse opened eye for several minutes under running water. Then consult a doctor.*
- **After swallowing:**
 - Rinse out mouth and then drink plenty of water.*
 - Induce vomiting only, if affected person is fully conscious.*
 - If symptoms persist consult doctor.*

(Contd. on page 3)

Safety data sheet

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Version number 6 (replaces version 5)

Revision: 19.10.2023

Trade name: Omni Salivasept

(Contd. of page 2)

- A person vomiting while laying on their back should be turned onto their side.*
- **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:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
In case of fire, the following can be released:
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
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).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **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**
Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Fumes can combine with air to form an explosive mixture.
Danger of explosion if fluid enters the sewage system.
Flammable gas-air mixtures may form in empty receptacles.
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.11.2023

Version number 6 (replaces version 5)

Revision: 19.10.2023

Trade name: **Omni Salivasept**

(Contd. of page 3)

Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store only in the original receptacle.

Store in a cool location.

· **Information about storage in one common storage facility:**

Not required.

Store away from foodstuffs.

· **Further information about storage conditions:**

Keep container tightly sealed.

Store in upright position.

Protect from heat and direct sunlight.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

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

64-17-5 ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

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

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as 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.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not required.

· **Hand protection**



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.

· **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

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.11.2023

Version number 6 (replaces version 5)

Revision: 19.10.2023

Trade name: Omni Salivasept

(Contd. of page 4)

· **As protection from splashes gloves made of the following materials are suitable:**

Butyl rubber, BR
Nitrile rubber, NBR

· **Eye/face protection**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· Physical state	Fluid
· Colour:	Colourless
· Odour:	Alcohol-like
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	78 °C
· Flammability	Flammable.
· Lower and upper explosion limit	
· Lower:	3.5 Vol % (Ethanol)
· Upper:	15 Vol % (Ethanol)
· Flash point:	35 °C
· Auto-ignition temperature:	425 °C
· Decomposition temperature:	Not determined.
· pH at 20 °C	12.2
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	59 hPa
· Density and/or relative density	
· Density at 20 °C:	0.96 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· **9.2 Other information**

· **Appearance:**

· **Form:** Fluid

· **Important information on protection of health and environment, and on safety.**

· **Ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Solvent content:**

· **Organic solvents:** 25.0 %

· **Water:** 74.0 %

· **VOC (EC)** 25 %

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 21.11.2023

Version number 6 (replaces version 5)

Revision: 19.10.2023

Trade name: Omni Salivasept

(Contd. of page 5)

- **Change in condition**
- **Evaporation rate** Not determined.
- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Flammable liquid and vapour.
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	10,101 mg/kg
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2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Oral	LD50	100 mg/kg (ATE)
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- **Skin corrosion/irritation** Causes severe skin burns and eye damage.
- **Serious eye damage/irritation** Causes serious eye damage.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

GB

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

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Version number 6 (replaces version 5)

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Trade name: **Omni Salivasept**

(Contd. of page 6)

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.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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.

· **Uncleaned packaging:**

· **Recommendation:**

Packaging may be reused or recycled after cleaning.

Non contaminated packagings may be treated like household garbage.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1170

· **14.2 UN proper shipping name**

· **ADR**

1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

· **IMDG**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

· **IATA**

ETHANOL SOLUTION

(Contd. on page 8)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

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Trade name: Omni Salivasept

(Contd. of page 7)

· **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:**

· **Marine pollutant:** Nein
No

· **14.6 Special precautions for user**

· **Hazard identification number (Kemler code):** 30
· **EMS Number:** F-E,S-D

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **Transport/Additional information:**· **ADR**

· **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

· **IMDG**

· **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

* **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

The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**

GHS02 GHS05

· **Signal word** Danger· **Hazard statements**

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 9)

GB

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Trade name: Omni Salivasept

(Contd. of page 8)

· Precautionary statements

- P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
- P260 *Do not breathe mist/vapours/spray.*
- P273 *Avoid release to the environment.*
- P280 *Wear protective gloves / eye protection.*
- 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.*
- P403+P235 *Store in a well-ventilated place. Keep cool.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

· Directive 2012/18/EU

- 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**
- 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.*
- H301 *Toxic if swallowed.*
- H311 *Toxic in contact with skin.*
- H314 *Causes severe skin burns and eye damage.*
- H373 *May cause damage to organs through prolonged or repeated exposure.*
- H410 *Very toxic to aquatic life with long lasting effects.*

· Abbreviations and acronyms:

- RID: *Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*
- IATA-DGR: *Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*
- ICAO: *International Civil Aviation Organisation*
- ICAO-TI: *Technical Instructions by the "International Civil Aviation Organisation" (ICAO)*
- ADR: *Accord relatif au transport international 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)*
- LC50: *Lethal concentration, 50 percent*
- LD50: *Lethal dose, 50 percent*
- 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*
- Acute Tox. 3: *Acute toxicity – Category 3*
- Skin Corr. 1A: *Skin corrosion/irritation – Category 1A*
- Eye Dam. 1: *Serious eye damage/eye irritation – Category 1*
- STOT RE 2: *Specific target organ toxicity (repeated exposure) – Category 2*
- Aquatic Chronic 1: *Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*
- Aquatic Chronic 3: *Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

- * Data compared to the previous version altered.**