

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Trade name: **NOSOSEPT 100**

**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 for medical devices.

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

MEDALKAN

Michalakopoulou 102, P.C. 11528, Athens, Greece

Tel.. 2107484847, Fax. 210 7772009

e-mail: [contact@medalkan.gr](mailto:contact@medalkan.gr)

website: [www.medalkan.com](http://www.medalkan.com)

**1.4 Emergency telephone number:**



European Emergency Tel.: 112

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation EC No 1272/2008 CLP:**



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

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 CLP:**

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

**Hazard pictograms:**



GHS02 GHS07

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 1)

**Signal word:** Danger

**Hazard-determining components of labelling:**  
propan-2-ol

**Hazard statements:**  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep 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.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Regulation (EC) No 648/2004 on detergents / Labelling for contents**

disinfectants

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

**3.2 Chemical characterisation: Mixtures**

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

**Ingredients according Regulation (EU) 830/2015:**

CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	≤25%
CAS: 2372-82-9 EINECS: 219-145-8	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine Acute Tox. 3, H301; STOT RE 2, H373; Skin Corr. 1A, H314; Aquatic Acute 1, H400 (M=10)	0.1-<1%
CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6	didecyldimethylammonium chloride Acute Tox. 3, H301; Skin Corr. 1B, H314; Aquatic Acute 1, H400	0.1-<1%

GB

(Contd. on page 3)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 2)

#### SECTION 4: First aid measures

##### 4.1 Description of first aid measures

###### General information:

Take affected persons out into the fresh air.

Seek immediate medical advice.

###### After inhalation:

Seek medical treatment in case of complaints.

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

###### After skin contact:

Generally the product does not irritate the skin.

Immediately wash with water and soap and rinse thoroughly.

Wash contaminated clothing before use.

If skin irritation continues, consult a doctor.

###### After eye contact:

Rinse opened eye for at least 15 minutes under running water.

Avoid strong water jet-risk of cornea damage, consult a doctor.

###### After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

##### 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>, foam, extinguishing powder, water spray

**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

No further relevant information available.

##### 5.3 Advice for firefighters

###### Protective equipment:

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

###### Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

#### SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

Ensure adequate ventilation.

Keep people at a distance and upwind.

Avoid contact with oxidising agents.

(Contd. on page 4)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 3)

Avoid inhalation of vapors.

Goggles and/ or face shield, if contact with eyes or splashes are anticipated.

Avoid contact with skin and eyes.

**6.2 Environmental precautions:** 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, silica gel).

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

**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

Avoid contact with skin, eyes and clothing.

Open and handle receptacle with care.

Handle with care. Avoid jolting, friction and impact.

Store in cool, dry place in tightly closed receptacles.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Avoid prolonged exposure with skin

**Information about fire - and explosion protection:**



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Do not spray onto a naked flame or any incandescent material.

Flammable gas-air mixtures may form in empty receptacles.

Keep it in a dry, cool, well ventilated, fixed in advance place, away from sources of heat, flames, ignition and direct sunlight.

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

**Storage:**

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

Store in a cool location.

Provide ventilation for receptacles.

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

Store away from flammable substances.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

(Contd. on page 5)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 4)

**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:**

**CAS: 67-63-0 propan-2-ol**

WEL (Great Britain)	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.  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes.  
 Do not eat, drink or smoke while using the product.  
 Avoid close or long term contact with the skin.

**Respiratory protection:** Not required.

**Protection of hands:**



Protective gloves

**Penetration time of glove material**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:**



Tightly sealed goggles (EN 166).

**Body protection:**



Protective work clothing

GB

(Contd. on page 6)

**Safety data sheet**  
complying with Regulation 1907/2006/EC (REACH  
Regulation), EU 2015/830 and Regulation No 1272/2008/EC  
(CLP)

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 5)

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	alcohol
<b>Odour threshold:</b>	Not determined

<b>pH value:</b>	9.0-9.6
<b>Melting point/freezing point:</b>	Not determined
<b>Initial boiling point and boiling range:</b>	Not determined

**Flash point:** 35 °C**Flammability (solid, gas):** Not applicable**Auto-ignition temperature:** Not determined**Decomposition temperature:** Not determined**Auto-ignition temperature:** Product is not selfigniting.**Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.**Explosion limits:**

<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined

**Oxidising properties** Not considered as oxidising.**Vapour pressure:** Not determined**Density:** Not determined**Relative density at 20 °C** 0.968 g/cm<sup>3</sup>**Vapour density** Not determined**Evaporation rate** Not determined**Solubility in / Miscibility with water:** Fully miscible**Partition coefficient: n-octanol/water:** Not determined**Viscosity:**

<b>Dynamic:</b>	Not determined
<b>Kinematic:</b>	Not determined

(Contd. on page 7)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

**9.2 Other information**

No further relevant information available.

(Contd. of page 6)

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** Stable under normal conditions

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided**

To avoid thermal decomposition do not overheat.

Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid**

The product should not be exposed to high temperatures, sparks, flame and electrostatic charges.

**10.5 Incompatible materials** Oxidizing agents

**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.

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

**ATE (Acute Toxicity Estimates)**

Oral	LD50	10,606 mg/kg
------	------	--------------

**CAS: 67-63-0 propan-2-ol**

Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	30 mg/l (rat)

**CAS: 2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine**

Oral	LD50	871 mg/kg (rat)
------	------	-----------------

**CAS: 7173-51-5 didecyldimethylammonium chloride**

Oral	LD50	84 mg/kg (rat)
------	------	----------------

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Potentially irritant

Causes serious eye irritation.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Repeated dose toxicity** Based on available data, the classification criteria are not met.

**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**

The product is classified as Specific Target Organ Toxicity after single exposure Category 3  
 May cause drowsiness or dizziness.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

(Contd. on page 8)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 7)

**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

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

(CAS: 67-63-0) Isopropyl alcohol

Partition coefficient n-octanol/water: 0.05

### 12.4 Mobility in soil

 No further relevant information available.

#### Additional ecological information:

**General notes:** Not known to be hazardous to water.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Other adverse effects

 No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation



Dispose according to National Regulations.



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

#### Uncleaned packaging:

##### Recommendation:

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

## SECTION 14: Transport information

### 14.1 UN-Number

ADR, IMDG, IATA

UN1993

(Contd. on page 9)

GB



**Safety data sheet**  
complying with Regulation 1907/2006/EC (REACH  
Regulation), EU 2015/830 and Regulation No 1272/2008/EC  
(CLP)

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 8)

**14.2 UN proper shipping name**

**ADR**

1993 FLAMMABLE LIQUID, N.O.S.  
(ISOPROPANOL (ISOPROPYL ALCOHOL))

**IMDG, IATA**

FLAMMABLE LIQUID, N.O.S. (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):** 33

**EMS Number:**

F-E,S-E

**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

**IMDG**

**Limited quantities (LQ)**

1L

**Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

**UN "Model Regulation":**

UN 1993 FLAMMABLE LIQUID, N.O.S.

(ISOPROPANOL (ISOPROPYL ALCOHOL)), 3, III

**SECTION 15: Regulatory information**

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

(Contd. on page 10)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

Printing date 06.10.2020

Version number 2

Revision: 06.10.2020

Trade name: NOSOSEPT 100

(Contd. of page 9)

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as ammended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

**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

**National regulations:**

**Other regulations, limitations and prohibitive regulations**

**Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**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.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Department issuing SDS:**



SUSTCHEM S.A.

REACH & Chemical Services Department

A: 144, 3rd Septemvriou, GR 112 51 | Athens, Greece

T: +30 210 8252510 | F: +30 210 8252575

W: www.sustchem.gr | E: info@suschem.gr

**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

(Contd. on page 11)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH**  
**Regulation), EU 2015/830 and Regulation No 1272/2008/EC**  
**(CLP)**

**Printing date 06.10.2020**

**Version number 2**

**Revision: 06.10.2020**

**Trade name: NOSOSEPT 100**

(Contd. of page 10)

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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Acute Tox. 3: Acute toxicity - oral – Category 3  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
**\* Data compared to the previous version altered.**

GB