

Reference: Regulation (EC) 1907/2006 453/2010	<b>MATERIAL SAFETY DATA SHEET</b> (MSDS) Product: <b>NDP Surfaclin</b>	Version 09 Date last revision: 18.02.21 SHEET 1 of 7
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## 1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF THE COMPANY:

**1.1 Product identifier:** NDP Surfaclin

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

**Use of the substance/preparation:** Disinfectant for surfaces of non-invasive medical devices.

**Product classification / Register Number:** Medical Device Type IIa. CE mark, given by ON 0476, number: MED 31348

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

**Manufacturer:** Vesimin S.L. C/Lluçà, 28 5º – 08028 Barcelona vesimin@vesimin.com

**Telephone number:** +34 934 095 301

**Fax:** +34 933 396 628

**e-mail:** [vesimin@vesimin.com](mailto:vesimin@vesimin.com)

**1.4. Emergency number:** +34 934 095 301 (working hours)

## 2. HAZARDS IDENTIFICATION:

### 2.1. Classification of the substance or mixture

Regulation (CE) 1272/2008\_CLP

ORAL ACUTE TOXICITY, category 4 (H302)

SKIN CORROSION, category 1A (H314)

EYE IRRITATION, category 1 (H318)

SKIN SENSITIZING, category 1 (subcategory 1A) (H317)

HAZARDOUS TO THE AQUATIC ENVIRONMENT – CHRONIC HAZARD. Category 2 (H411)

### 2.2. Label elements: according to CE Directives

Regulation (CE) 1272/2008\_CLP

Hazard pictograms:



Signal Word: Danger

Hazard statements:

- Harmful if swallowed (H302)
- Causes severe skin burns and eye damage (H314)
- Causes serious eye damage (H318)
- May cause an allergic skin reaction (H317)
- Toxic to aquatic life with long lasting effects (H411)

Precautionary statements:

- Wash the skin thoroughly after handling (P264)
- Do not eat, drink or smoke when using this product (P270)
- Wear protective gloves/protective clothing/eye protection/face protection (P280)
- Avoid release to the environment (P273)
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331)
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

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with water/shower (P303+P361+P353)

- If skin irritation or rash occurs: Get medical advice/attention (P333 + P313)
- Wash contaminated clothing before reuse (P363)
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338)
- Collect spillage (P391)
- Immediately call a POISON CENTER/doctor/... (P310)
- Dispose of contents and/or container in accordance with dangerous residues regulations (P501)

### 2.3. Other hazards

No significant environmental or health risks if used under standard conditions of commercial and industrial use.

The concentrated product is harmful if swallowed, causes severe skin burns and eye damage and may cause an allergic skin reaction. It is not dangerous at use dilutions.

Effects of the product misuse: eye and skin splashes (irritation), intoxication (oral intake). We recommend the use of gloves and goggles for concentration product handling and dilutions preparation.

**PBT:** This product is not identified as PBT/vPvB

## 3. COMPONENT COMPOSITION / INFORMATION

### 3.2. Substance/Mixture: Mixture

#### Dangerous components:

Ingredient	CAS num.	Classification 1272/2008	Concentration
Didecyl dimethyl ammonium chloride 70%	7173-51-5	Flamm. liq Cat.3: H226, Oral acute tox.Cat. 4:H302 Skin corr. Cat. 1B: H314 Chronic aquatic Cat 1.:H410	23.0%
2-Phenoxyethanol	122-99-6	Oral acute tox. . Cat. 4:H302 Eye irrit. Cat. 2:H319	5.00%
Cinnamaldehyde	104-55-2	Skin acute tox. Cat.4:H312 Skin irrit. Cat 2. H315 Skin sens.Cat.1: H317	1.00%
Excipients and water	-	-	csp 100 %

\* Complete text of H-phrases indicated in this Section are explained in Section 16.

## 4. FIRST AID MEASURES:

### 4.1. Description of first aid measures

#### First aid measures:

**Swallowing:** (\*) Rinse mouth with water and require immediately medical assistance. Do not administer anything to an unconscious person.

**Inhalation:** Not applicable, it doesn't release vapours.

**Skin contact:** Take off contaminated clothes. In case of skin contact, wash with plenty of water & soap, and seek for medical advice.

**Eye contact:** Wash with plenty of water for at least 15 minutes. If irritation persists, consult an ophthalmologist.

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(\*) Information for the doctor: do not induce vomiting. Make a stomach-pumping previous addition of dimeticone (antifoam).

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

**Effects and symptoms:** No specific effects and/or symptoms are known

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

**Therapeutic advice:** In case of ingestion, consider making an endoscopy. Symptomatic treatment. See section 4.1.

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## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media:** Foam, dry chemical powder, CO<sub>2</sub>, sand and water spray fog.

**Extinguishing media that do not have to be used for safety reasons:** Not applicable.

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

**Special exposure hazards arising from the substance or preparation itself, combustion products, and produced gases:** Non flammable product. In case of fire of great magnitude, amine vapours could be generated.

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters:** Fire-fighters must be provided with adequate protective equipment.

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## 6. ACCIDENTAL RELEASE MEASURES:

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

**Personal precautions:** Take common precautions

### 6.2. Environmental precautions

**Environmental precautions:** Avoid pouring the product into the public drainage. If the product reaches a river course or a sewer, or it has contaminated the soil or vegetation, warn the Authorities. Collect it in plastic containers and eliminate it in appropriate places.

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

**Cleaning measures:** Do not release product into drainpipes or in the environment. Eliminate the spilled product with materials that act as absorbents (sawdust, peat, or chemical chelating agents). Place the collected product in containers that can be closed. Clean the floor and all objects with this material using a damp cloth. Collect the cleaning materials and put them inside receptacles that can be closed.

### 6.4. Reference to other sections

Refer to sections 8 and 13 of SDS.

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## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Handling:** Take measures to avoid splashing in the eyes and on skin.

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

**Storage:** Store in high density polyethylene containers. Store at room temperature and avoid extreme temperatures and direct contact with sunlight. Store at an optimal temperature between 10° and 30°C. Store only in original containers.

## 7.3. Specific end use(s)

Surface disinfectant. For professional use only.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Non applicable

### 8.2. Exposure controls

**Hygienic measures:** Do not eat, drink or smoke during use.

**Exposure control:** Avoid spilling, contact with eyes and ingestion.

**Equipment to provide adequate personal protection:** Hands protection (safety gloves) and eye protection (safety goggles).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Aspect:** Liquid, transparent without colour

**Odour:** Perceptible

**pH (100% in water):** 4 – 6 (20 °C)

**Water solubility:** 100% soluble

**Density:** 0.900 – 1.100 g/cc (20°C)

**Boiling point :** 97 – 102°C

**Flammability:** Non-flammable

### 9.2. Other information

Not applicable

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

It does not present dangerous reactions. It does not react with acids, bases, oxydating agents, organic peroxides or heavy metals. Unstable in presence of strong oxidizers or alkalins. It is not corrosive on different materials.

### 10.2. Chemical stability

Product is stable in recommended conditions of handling and storage.

### 10.3 Possibility of hazardous reactions

It does not present.

### 10.4. Conditions to avoid

Non applicable

### 10.5. Incompatible materials

Do not use or mix with products containing or that release chlorine (hypochlorites) and products that contain anionic surfactants.

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## 10.6. Hazardous decomposition products

Non applicable.

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## 11. TOXICOLOGICAL INFORMATION

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### 11.1. Information on toxicological effects

#### Acute toxicity:

Oral route: Harmful by oral ingestion. (ref. DL<sub>50</sub> (oral route in rodents): 300 - 2000 mg/kg

Inhalation route: Not applicable.

Through skin and/or eyes:

\*Skin irritation: The concentrated product is skin corrosive. At use concentrations (2%) it is not irritating.

\*Eye irritation: The concentrated product can cause severe eye damage. At use concentrations (2%) it does not irritate the eyes.

\*Skin sensitisation: It does not cause hypersensitisation.

**Carcinogenicity:** Not carcinogenic

**Mutagenicity:** Not mutagenic

**Toxicity for reproduction:** Not toxic for reproduction

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## 12. ECOLOGICAL INFORMATION

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### 12.1. Toxicity: Chronic aquatic toxicity:

The product is toxic to aquatic life with long lasting effects

In order to avoid human and environmental risks, follow the instructions for use.

### 12.2. Persistence and degradability

The product has a high bactericide and fungicide action, hence it could affect the EDAR microbial flora.

It is a surfactant and can cause foam in EDAR.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Movility in soil

Not available

### 12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance

### 12.6. Other adverse effects

Harmful to aquatic organisms

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## 13. DISPOSAL CONSIDERATIONS

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### 13.1. Waste treatment methods

Package product surplus or waste resulting from normal use. Label it for identification purposes and seal it. Dirty, empty recipients should be handled in the same manner. The product may be

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taken to a controlled incineration site, always according to local regulations (special residue). The product dilutions once used can be disposed to the sewer system. Product dilutions do not suppose any risk for the Environment according the 88/379/EEC Directive for Classification, Packaging and Labelling of Dangerous Preparations.

## 14. TRANSPORT INFORMATION

### 14.1. UN number

3082

### 14.2. UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (contains Bis-3 (aminopropyl) dodecylamine)

### 14.3. Transport hazard class(es)

Class 9

### 14.4. Packaging group

Packing group III

### 14.5. Environmental hazards

Toxic to aquatic life with long lasting effects

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

For road transport (ADR) special provision 375 is used (these materials when transported in single or combined packaging containing a net quantity per inner or individual packaging of 5 liters or less for liquids or of 5 kg or less for solids, are not subject to any other provision of the ADR).

For maritime transport (IMO), special provision 2.10.2.7 is also used for 5L containers.

For air transport (IATA), provision A197 is used for the same reason.

## 15. REGULATORY INFORMATION

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

The information for safety and health with respect to the label of this product is in accordance with the European Union regulation: n° 1907/2006, 453/2010 and 830/2015.

**European legislation:** Regulation EC 1272/2008.

**15.2. Chemical safety assessment:** not required

## 16. OTHER INFORMATION

**Other information:** The text in the SDS which has changed since the last version.

### Complete text of hazard statements as referred to in sections 2 and 3:

H226: Flammable liquid and vapour.

H302: Harmful if swallowed

H312: Harmful in contact with skin.

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H314: Causes severe skin burns and eye damage  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation  
H410: Very toxic to aquatic life with long lasting effects

**Formation advice:**

The product must be handled by specialized personnel, following manufacturer instructions. Changes from last version refer to format and content of EC Regulation 453/2010. Calculation method determination according to Regulation 1272/2008 has been used for the classification of the mixture.

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