



NAUTILUS INVISIBLE DECK PROTECTION

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

- 1.1 Product identifier

Trade name: **NAUTILUS INVISIBLE DECK PROTECTION**

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

Eco-friendly waterproof treatment for fabrics and wood.

Uses advised against: None.

1.3 Details of the supplier of the safety data sheet

Company Cecchi Gustavo & C. srl –

Via M. Coppino 253, 55049 Viareggio (LU) ITALY

www.cecchi.it - info@cecchi.it

1.4 Emergency number

Information in case of emergency: +39 0584 383694 - From monday to friday office hours 8:30 – 12:30,
14:00 – 18:30

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

- 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Void

- Hazard pictograms Void

- Signal word Void

- Hazard statements Void

- Additional information:

Safety data sheet available on request.

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

3. Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures

- Description:

Mixture of the substances listed below with harmless additions.

- Dangerous components:

Polimero Fluorurato Acute Tox. 4, H332 4-5%

- 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 No special measures required.

- After inhalation Supply fresh air; consult doctor in case of symptoms.

- After skin contact The product is not skin irritating.

- After eye contact

Rinse opened eye for several minutes under running water.

- After swallowing Seek medical treatment.

- 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

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- Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- 5.3 Advice for firefighters

- Protective equipment:

Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures

Not required.

- 6.2 Environmental precautions:

Do not allow to enter drainage system, 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).

- 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 information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling No special measures required.

- Information about protection against explosions and fires:

No special measures required.

- 7.2 Conditions for safe storage, including any incompatibilities

- Storage

- Requirements to be met by storerooms and containers:

No special requirements.

- Information about storage in one common storage facility: Not required.

- Further information about storage conditions:

Store in cool, dry conditions in well sealed containers.

Keep locked up or out of reach of children.

Protect from heat and direct sunlight.

Protect from contamination.

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

* SECTION 8: Exposure controls/personal protection

- Additional information about design of technical systems:

No further data; see item 7.

- 8.1 Control parameters

- Components with limit values that require monitoring at the workplace:

- DNELs

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

Dermal Systemic eff. long term workers 0.91 mg/kg (-)

Inhalative Local eff. short term workers 2.35 mg/m³ (-)

- PNECs

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

Depuration plant 1.33 mg/l (-)

Sediment (Fresh water) 8.5 mg/kg (-)

Sediment (seawater) 0.85 mg/kg (-)

Soil 45.34 mg/kg (-)

Fresh water 0.001 mg/l (-)

Seawater 0.0001 mg/l (-)

- CAS No. Designation of material % Type Value Unit

The product does not contain any relevant quantities of materials with

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critical values that have to be monitored at the workplace.

- **Additional information:**

The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

- **Breathing equipment:**

Use breathing protection in case of insufficient ventilation.

- **Protection of hands:** PVC or PE gloves

- **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.

- **Eye protection:** Safety glasses

- **Body protection:** Protective work clothing.

- **Limitation and supervision of exposure into the environment**

No special precautions are required for this product.

* **SECTION 9: Physical and chemical properties**

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

- **General Information**

- **Appearance:**

Form: Fluid

Colour: Light yellow

- **Odour:** Nearly odourless

- **Odour threshold:** Not determined.

- **pH-value at 20 °C:** 4.5 (metodo interno)

- **Melting point/freezing point:** -2 °C

- **Initial boiling point and boiling**

range: 101 °C

- **Flash point:** Not applicable

- **Self-inflammability:** Product is not selfigniting.

- **Explosive properties:** Product is not explosive.

- **Critical values for explosion:**

Lower: Not applicable

Upper: Not applicable

- **Vapour pressure at 20 °C:** 23 hPa

- **Density at 20 °C** 1.02 g/cm³ (metodo interno)

- **Solubility in / Miscibility with**

Water: Fully miscible

- **Solvent content:**

Organic solvents: 0.0 %

Water: 94.8 %

Solids content: 5.3 %

- **9.2 Other information** No further relevant information available.

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 toxicological effects - Acute toxicity**

Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

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

Oral LD50 261 mg/kg (Rat) (Linee Guida 401 per il Test dell'OECD)

2682-20-4 2-methyl-2H-isothiazol-3-one

Oral LD50 120 mg/kg (Rat) (Linee Guida 203 per il Test dell'OECD)

Dermal LD50 242 mg/kg (Rabbit)

Inhalative LC50/4h 0.11 mg/l (Rat) (Linee Guida 403 per il Test dell'OECD)

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral LD50 1193 mg/kg (Rat)

Dermal LD50 4115 mg/kg (Rat)

- **Primary irritant effect:**

- **Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation** May have irritant effect.

- **Respiratory or skin sensitisation**

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**

Based on available data, the classification criteria are not met.

- **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

- **Aspiration hazard**

Based on available data, the classification criteria are not met.

- **12.1 Toxicity**

- **Aquatic toxicity:**

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

LC50/96h 0.45 mg/l (Lepomis Macrochirus)

EC50/48h 0.073 mg/l (Daphnia Magna)

NOEC/72h 0.001-0.01 mg/l (Selenastrum Capricornutum)

NOEC/21 gg 0.024 mg/l (Daphnia Magna)

2682-20-4 2-methyl-2H-isothiazol-3-one

LC50/96h 4.77 mg/l (Oncorhynchus Mykiss)

EC50/48h 0.93 mg/l (Daphnia Magna)

EC50/72h 0.158 mg/l (Selenastrum Capricornutum)

NOEC/21 gg 0.04 mg/l (Daphnia Magna)

2634-33-5 1,2-benzisothiazol-3(2H)-one

LC50/96h 2.18 mg/l (Oncorhynchus Mykiss) (Linee Guida 203 per il Test dell'OECD)

EC50/48h 2.94 mg/l (Daphnia Magna)

EC50/72h 0.11 mg/l (Pseudokirchneriella Subcapitata)

NOEC/72h 0.027 mg/l (Skeletonema costatum)

- **12.2 Persistence and degradability**

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No further relevant information available.

- 12.3 Bioaccumulative potential

No further relevant information available.

- 12.4 Mobility in soil No further relevant information available.

- Ecotoxicological effects:

- Behaviour in sewage processing plants:

- Type of test Effective concentration Method Assessment

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

Oral NOAEL 9 mg/kg (Rat) (Linee Guida 408 per il Test dell'OECD)

- Additional ecological information:

- General notes:

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

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

- 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 Smaller quantities can be disposed with household waste.

- Uncleaned packagings:

- Recommendation:

Disposal must be made according to official regulations.

- Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

- 14.1 UN-Number

- ADR, ADN, IMDG, IATA Void

- 14.2 UN proper shipping name

- ADR, ADN, IMDG, IATA Void

- 14.3 Transport hazard class(es)

- ADR, ADN, IMDG, IATA

- Class Void

- 14.4 Packing group

- ADR, IMDG, IATA Void

- 14.5 Environmental hazards: Not applicable.

- 14.6 Special precautions for user Not applicable.

- 14.7 Transport in bulk according

to Annex II of Marpol and the IBC

Code Not applicable.

- Transport/Additional information: Not dangerous according to the above specifications.

- UN "Model Regulation": Void

SECTION 15: Regulatory information

GENERAL BIBLIOGRAPHY

1. Directive 1999/45 / EC as amended

2. Directive 67/548 / EEC and following amendments and adjustments

3. Regulation (EC) 1907/2006 of the European Parliament (REACH)

4. Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent amendments.

5. Regulation (EC) 453/2010 of the European Parliament

6. The Merck Index. Ed. 10

7. Niosh - Registry of Toxic Effects of Chemical Substances

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8. INRS - Fiche Toxicologique
 9. Patty - Industrial Hygiene and Toxicology
 10. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989
 11. Web Site ECHA Agency
 12. Legislative Decree 81/2008 (Consolidated Law concerning the protection of health and safety in the workplace) and subsequent amendments
 13. Regulation 648/2004 / EC on detergents, as amended;
 14. Regulations on the Transport of Dangerous Goods by Road / Railway: Agreement ADR / RID.
- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
 - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
 - **National regulations**
 - **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

H332 Harmful if inhaled.

- Department issuing data specification sheet:

Environment protection department.

- **Contact:** Nelda Benzi

- 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

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

- **Sources** Raw materials Safety Data Sheets