



SAFETY DATA SHEET

NT Deco / NORFLAM® W310

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	01.05.2017
Revision date	09.10.2024

1.1. Product identifier

Product name	NT Deco / NORFLAM® W310
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance / mixture	Fire retardant wood stain for interior/exterior use.
Main intended use	PC-CON-5 Construction chemicals
Secondary uses	PC-PNT-3 Paints/coatings - Protective and functional PC-PNT-6 Factory-applied coatings (excludes categories already covered)
Industrial use	Yes
Professional use	Yes
Consumer use	No

1.3. Details of the supplier of the safety data sheet

Company name	Nordtreat Oy
Postal address	Mestarintie 11
Postcode	FI-01730
City	Vantaa
Country	Finland
Telephone number	+358 20 730 9330
Email	info@nordtreat.com
Enterprise No.	FI-2927144-5

1.4. Emergency telephone number

Emergency telephone	Telephone number: +358 800 147 111 or +358 9 471 977 Open 24 hours a day.
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Identification, comments	Description: Poison Information Centre (in Finland), P.O. Box 790 (Tukholmankatu 17), 00029 HUS
	Telephone number: 112 Open 24 hours a day. Description: Emergency telephone number
	Please contact the Emergency Centre in your own country, e.g. 112 in European Union countries.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, notes	In accordance with CLP/GHS regulation (EC) No 1272/2008, the product has not been classified as hazardous.
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2.2. Label elements

Hazard statements	EUH 208 Contains Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
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2.3. Other hazards

PBT / vPvB	For results of PBT and vPvB assessment, see point 12.5.
Other hazards	Endocrine disrupting properties: This product does not contain substances included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration ≥ 0.1 %.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
3-iodo-2-propynyl butylcarbamate	CAS No.: 55406-53-6 EC No.: 259-627-5 Index No.: 616-212-00-7 REACH Reg. No.: 01-2120762115-60	Acute Tox. 3; H331 Acute Tox. 4; H302 STOT RE 1; H372 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400; M-factor 10 Aquatic Chronic 1; H410; M-factor 1	< 0,1 %	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No.: 55965-84-9 Index No.: 613-167-00-5	Acute Tox. 2; H310 Acute Tox. 2; H330 Acute Tox. 3; H301 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400; M-factor 100	< 0,0015 %	

	Aquatic Chronic 1; H410; M-factor 100 EUH 071 CLP classification, notes: B
Description of the mixture	Aqueous solution. The product contains potassium derivates, binders, stain pigments and additives which are either not classified as hazardous or their concentrations are below the reporting limits.
Remarks, substance	Specific concentration limits: Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS: 55965-84-9) Eye Dam. 1; H318: $C \geq 0,6 \%$ Eye Irrit. 2; H319: $0,06 \% \leq C < 0,6 \%$ Skin Corr. 1C; H314: $C \geq 0,6 \%$ Skin Irrit. 2; H315: $0,06 \% \leq C < 0,6 \%$ Skin Sens. 1A; H317: $C \geq 0,0015 \%$
Substance comments	The full text for all hazard statements is displayed in point 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	If the situation is unclear or symptoms persist, seek medical attention. Show this safety data sheet, product container or label to the doctor in attendance. A rescuer should wear appropriate personal protective equipment.
Inhalation	If inhaled, move exposed person to fresh air and keep at rest. Get medical attention if symptoms occur.
Skin contact	Immediately wash contaminated skin thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids open. Remove contact lenses, if present and easy to do, and continue rinsing. Contact a doctor.
Ingestion	Rinse the mouth and give 1-2 glasses of water to drink. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

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

Acute symptoms and effects	May produce an allergic reaction. Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Delayed symptoms and effects	None known.

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

Other information	No specific instructions. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire. Water spray (fog). Alcohol-resistant foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is not flammable.
Hazardous combustion products	During fire, toxic gases and vapours may be evolved. Combustion of the product may form smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion.

5.3. Advice for firefighters

Personal protective equipment	Wear appropriate protective equipment and self-contained breathing apparatus.
Fire fighting procedures	Fight fire with normal precautions from a reasonable distance. Avoid breathing fire vapours.
Other information	Take care of fire waste and contaminated extinguishing water in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Stop leak if safe to do so. Ventilate area. Keep unnecessary and unprotected people from entering.
Personal protection measures	Wear appropriate personal protective equipment. Avoid breathing vapours and contact with skin or eyes.

6.2. Environmental precautions

Environmental precautionary measures	Do not discharge the product or extinguishing waters into drains, sewers or any waterways.
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6.3. Methods and material for containment and cleaning up

Containment	Stop leak if safe to do so.
Clean up	Absorb spill with inert material (e.g. sand, diatomaceous earth, commercial absorbent) and collect in labeled, tightly sealed containers for disposal. Ventilate the area.

6.4. Reference to other sections

Other instructions	Safe handling: see point 7. Personal protective equipment: see point 8. Waste disposal: see point 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Ensure adequate ventilation. Avoid contact with skin or eyes. Use appropriate personal protective equipment while handling the product (see point 8).
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Protective safety measures

Protective safety measures	Do not enter a storage room or a confined space without adequate ventilation.
Advice on general occupational hygiene	Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Wash contaminated clothes before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store away from food, drink and animal feedstuffs. Keep containers tightly closed and upright to prevent leakage.
Conditions to avoid	For incompatible materials see point 10.5.

Conditions for safe storage

Technical measures and storage conditions	Store in a well-ventilated area. Store protected from direct sunlight. Protect from freezing.
Packaging compatibilities	Store in tightly closed container.

7.3. Specific end use(s)

Specific use(s)	None reported.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters comments	No applicable exposure limit values. DNEL/PNEC: Chemical safety assessment has not been performed for the product, no information available about ingredients.
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8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Technical measures to prevent exposure	Ensure adequate ventilation.
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Eye / face protection

Suitable eye protection	Use tight-fitting safety goggles (EN 166).
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Hand protection

Suitable gloves type	Wear appropriate chemical resistant safety gloves (EN 374). Contact glove manufacturer for specific advice on glove selection.
Breakthrough time	Comments: Break-through time must be found out by manufacturer of the

	protective gloves and must be observed.
Hand protection, comments	Follow the manufacturer's instructions in the use of protective gloves.

Skin protection

Suitable protective clothing	Wear appropriate chemical-resistant, impervious protective clothing.
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Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation wear respiratory protection.
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Appropriate environmental exposure control

Environmental exposure controls	No special precautions required.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Varying. Depends on stain pigments.
Odour	Odourless or mild odor.
Odour limit	Comments: Not relevant.
pH	Status: In aqueous solution Value: 6,8 - 7,3
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Comments: Not determined.
Flash point	Comments: Not flammable.
Evaporation rate	Comments: Not determined.
Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not determined.
Particle characteristics	Comments: Not relevant.
Density	Value: 1,1 - 1,15 g/cm ³ Temperature: 20 °C
Solubility	Medium: Water Comments: Soluble.
Partition coefficient: n-octanol/ water	Comments: Not determined.
Auto-ignition temperature	Comments: Not self-igniting.
Decomposition temperature	Comments: Not determined.
Viscosity	Comments: Not determined.

9.2. Other information

9.2.2. Other safety characteristics

Comments None reported.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not reactive under normal use and storage conditions.

10.2. Chemical stability

Stability Chemically stable under normal storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions under normal use and storage conditions.

10.4. Conditions to avoid

Conditions to avoid None known.

10.5. Incompatible materials

Materials to avoid No known incompatible materials.

10.6. Hazardous decomposition products

Hazardous decomposition products No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other toxicological data There is no toxicological data available about the product as such. The product is not classified as acutely toxic.

Other information regarding health hazards

Assessment of skin corrosion / irritation, classification The product is not classified as irritant or corrosive to skin. Data lacking.

Assessment of eye damage or irritation, classification The product is not classified as damaging or irritating to eyes. Data lacking. However, may slightly irritate eyes.

Sensitisation The product is not classified as a respiratory or skin sensitiser. Data lacking. However, the product contains small amounts of components that may produce an allergic reaction.

Mutagenicity The product is not classified as a mutagen. Data lacking.

Assessment of carcinogenicity, classification The product is not classified as a carcinogen. Data lacking.

Reproductive toxicity The product is not classified as toxic to reproduction. Data lacking.

Assessment of specific target organ toxicity - single exposure, classification	The product is not classified as toxic to specific target organs at a single exposure. Data lacking.
Assessment of specific target organ toxicity - repeated exposure, classification	The product is not classified as toxic to specific target organs at repeated exposure. Data lacking.
Assessment of aspiration hazard, classification	The product is not classified as an aspiration hazard. Data lacking.

Symptoms of exposure

In case of skin contact	May produce an allergic reaction. Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
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11.2 Other information

Endocrine disruption	This product does not contain substances included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration ≥ 0.1 %.
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	There is no ecotoxicological data available about the product as such. The product is not classified as hazardous to the environment. Avoid release to the environment.
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12.2. Persistence and degradability

Persistence and degradability description/evaluation	No data available.
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12.3. Bioaccumulative potential

Bioaccumulation, evaluation	No data available.
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12.4. Mobility in soil

Mobility	No data available.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not Classified as PBT/vPvB by current EU criteria.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain substances included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or
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Commission Regulation (EU) 2018/605 at a concentration ≥ 0.1 %.

12.7. Other adverse effects

Additional ecological information None reported.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical Recycle, if practical. Small quantities may be disposed of with household sewage. Larger volumes must be sent to approved plant for destruction. Dispose of waste and residues in accordance with local authority requirements.

EWC waste code Classified as hazardous waste: No

Other information Dispose of in compliance with local and national regulations.

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

Comments Not classified as hazardous for transport [ADR (road), RID (rail), ADN (inland waterways) and IMDG (sea)].

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no) No

SECTION 15: Regulatory information

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

Legislation and regulations No specific regulations.

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>EUH 071 Corrosive to the respiratory tract. H301 Toxic if swallowed. H302 Harmful if swallowed. H310 Fatal in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H331 Toxic if inhaled. H372 Causes damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.</p>
CLP classification, notes	The classification is based on the calculation method in accordance with Regulation (EC) No 1272/2008 [CLP / GHS].
Training advice	Read safety data sheet.
Key literature references and sources for data	<p>Product specifications by manufacturer SDSs for product components Previous version of the SDS (03.06.2021) Classification and Labelling Inventory (ECHA)</p>
Abbreviations and acronyms used	<p>DNEL: Derived No-Effect Level PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No-Effect Concentration vPvB: very Persistent and very Bioaccumulative substance</p>
Revision justification	Change in composition of the mixture (addition, deletion, substitution of component).
Information added, deleted or revised	<p>09.10.2024: Name updated. 24.01.2023: Composition of the product changed. 03.06.2021 Transport information changed. 02.06.2021 Update according to Annex II of the REACH Regulation ([EU] 2020/878). 13.02.2020 Composition of the product changed. Labelling changed. 23.12.2019 Contact information updated. 10.12.2019 Composition of the product changed. Phrase EUH 208 added. Layout revision. 12.12.2018 Layout revision.</p>
Version	8
Prepared by	Sweco
Comments	The information of this safety data sheet is based on existing public information sources, such as current legislation, available at the time of publication of the completed safety data sheet, and information on the Customer's products that has been provided by the Customer to Sweco. The Customer is responsible that the information provided to Sweco is accurate and up to date.