

SAFETY DATA SHEET

## Eco Clean Nordic Laundry White

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

#### 1.1. Product identifier

##### ▼ Trade name

Eco Clean Nordic Laundry White

##### Unique formula identifier (UFI)

3Q60-W033-C00C-E5TC

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

##### Relevant identified uses of the substance or mixture

Detergent for retail

##### Use descriptors (REACH)

Sectors of use	Description
LCS "C"	Consumer uses: Private households (= general public = consumers)
Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC10	Roller application or brushing
Environmental release category	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems

##### Uses advised against

No special

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

##### Company and address

**Eco Clean Nordic Aps**

Båd havnsgade 12, 1. Sal.

2450 København SV

Denmark

##### Contact person

Tommy W. Andersen

##### E-mail

info@ecnordic.com

##### Revision

10-02-2022

##### SDS Version

2.0

##### Date of previous version

2021-11-29 (1.0)

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

### 2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Causes serious eye irritation. (H319)

Safety statement(s)

#### ▼ General

If medical advice is needed, have product container or label at hand. (P101)

#### ▼ Prevention

Wear eye protection. (P280)

#### Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

-

Disposal

-

#### ▼ Hazardous substances

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

D-glucopyranose, oligomeric, c10-16-alkyl glycosides

D-Glucopyranose, oligomers, decyl octyl glycosides

subtilisin

### 2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## SECTION 3: Composition/information on ingredients

### ▼ 3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	CAS No.: 85586-07-8 EC No.: 287-809-4 REACH: Index No.:	10-15%	Eye Dam. 1, H318 (SCL: 20.00 %)	
D-glucopyranose, oligomeric, c10-16-alkyl glycosides	CAS No.: 110615-47-9 EC No.: 600-975-8	3-5%	Skin Irrit. 2, H315 Eye Dam. 1, H318	

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

	REACH: 01-2119489418-23 Index No.: 600-975-8		
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS No.: 68515-73-1 EC No.: 500-220-1 REACH: 01-2119488530-36-XXXX Index No.:	1-3%	Eye Dam. 1, H318
Potassium Sorbate	CAS No.: 24634-61-5 EC No.: REACH: Index No.:	<1%	Skin Irrit. 2, H315 Eye Irrit. 2, H319
subtilisin	CAS No.: 9014-01-1 EC No.: 232-752-2 REACH: Index No.: 647-012-00-8	<0.05%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335
amylase, α-	CAS No.: 9000-90-2 EC No.: 232-565-6 REACH: 01-2119938627-26-XXXX Index No.: 647-015-00-4	<0.01%	Resp. Sens. 1, H334
cellulase	CAS No.: 9012-54-8 EC No.: 232-734-4 REACH: Index No.: 647-002-00-3	<0.01%	Resp. Sens. 1, H334

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

No special

#### ▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

- Anionic surfactants
- Non-ionic surfactants

< 5%

- Enzymes
- Preservation agent (POTASSIUM SORBATE)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

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

Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation. The allergic reaction typically takes place within an hour after exposure. The reaction results in an inflammatory reaction to the lungs.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Not applicable

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

Some metal oxides.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

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

No specific requirements

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.  
 Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.  
 To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.  
 See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.  
 See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

> 0°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

▼ 8.1. Control parameters

—  
 subtilisin  
 Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 0,00004  
 Annotations:  
 Sen = Capable of causing occupational asthma.



The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
DNEL	595000 mg/kg
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
DNEL	420 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
DNEL	357000 mg/kg
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
DNEL	35,7 mg/kg
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
DNEL	124 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

#### ▼ PNEC

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,176 mg/l
Route of exposure	Freshwater
Duration of Exposure	

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,018 mg/l
Route of exposure	Marine water
Duration of Exposure	

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,0295 mg/l
Route of exposure	Intermittent release
Duration of Exposure	

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	5000 mg/l
Route of exposure	Sewage treatment plant
Duration of Exposure	

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	1,516 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,065/kg mg
Route of exposure	Marine water sediment
Duration of Exposure	

Product/substance	D-glucofuranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,654 mg/kg
Route of exposure	Soil
Duration of Exposure	

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

No specific requirements

#### Individual protection measures, such as personal protective equipment

##### Generally

Use only CE marked protective equipment.

##### Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements	-	-	-

##### Skin protection

Recommended	Type/Category	Standards
No special when used as intended	-	-

##### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No specific requirements	-	-	-

##### Eye protection

Type	Standards
No special when used as intended.	-

## SECTION 9: Physical and chemical properties

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

#### Form

Liquid

#### Colour

Colourless

#### Odour

None

#### Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

#### pH

6

#### Density (g/cm<sup>3</sup>)

1.02

#### Viscosity

Testing not relevant or not possible due to nature of the product.

#### Phase changes

##### Melting point (°C)

Testing not relevant or not possible due to nature of the product.

**Boiling point (°C)**

Testing not relevant or not possible due to nature of the product.

**Vapour pressure**

Testing not relevant or not possible due to nature of the product.

**Vapour density**

Testing not relevant or not possible due to nature of the product.

**Decomposition temperature (°C)**

Testing not relevant or not possible due to nature of the product.

**Evaporation rate (n-butylacetate = 100)**

**Data on fire and explosion hazards**

**Flash point (°C)**

Testing not relevant or not possible due to nature of the product.

**Ignition (°C)**

Testing not relevant or not possible due to nature of the product.

**Auto flammability (°C)**

Testing not relevant or not possible due to nature of the product.

**Explosion limits (% v/v)**

Testing not relevant or not possible due to nature of the product.

**Explosive properties**

Testing not relevant or not possible due to nature of the product.

**Oxidizing properties**

Testing not relevant or not possible due to nature of the product.

**Solubility**

**Solubility in water**

Soluble

**n-octanol/water coefficient**

Testing not relevant or not possible due to nature of the product.

**Solubility in fat (g/L)**

Testing not relevant or not possible due to nature of the product.

**9.2. Other information**

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

No special

**10.4. Conditions to avoid**

No special

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**▼ Acute toxicity**

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Rat



According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg ·
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg ·
Other information	

Product/substance	Potassium Sorbate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg ·
Other information	

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### Skin sensitisation

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

#### 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.

#### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### Other information

No special

## SECTION 12: Ecological information

### ▼ 12.1. Toxicity

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	>1-10 mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Crustacean
Compartment	
Duration	No data available.
Test	EC0
Result	>100 mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Fish
Compartment	
Duration	28 days
Test	NOEC
Result	> 1mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	NOEC
Result	> 1 mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	>10-100 mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Algae

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Compartment	
Duration	72 hours
Test	EC50
Result	>10-100 mg/l ·
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Fish
Compartment	
Duration	No data available.
Test	EC50
Result	10-100 mg/l ·
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Crustacean
Compartment	
Duration	No data available.
Test	EC0
Result	>100 mg/l ·
Other information	

#### ▼ 12.2. Persistence and degradability

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Biodegradable	Yes
Test method	
Result	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Biodegradable	Yes
Test method	
Result	

#### 12.3. Bioaccumulative potential

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### ▼ 12.6. Other adverse effects

No special

## SECTION 13: Disposal considerations

### ▼ 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.  
 HP 4 - Irritant (skin irritation and eye damage)  
 Dispose of contents/container to an approved waste disposal plant.  
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

#### EWC code

20 01 29\* Detergents containing dangerous substances

#### Specific labelling

Not applicable

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 - 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

Not applicable

#### IMDG

Not applicable

"MARINE POLLUTANT"

No

#### IATA

Not applicable

### 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

No data available

## SECTION 15: Regulatory information

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

#### Restrictions for application

No special

#### Demands for specific education

No specific requirements

#### SEVESO - Categories / dangerous substances

Not applicable

#### Additional information

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.

#### Sources

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

### 15.2. Chemical safety assessment

No

## ▼ SECTION 16: Other information

### ▼ Full text of H-phrases as mentioned in section 3

- H315, Causes skin irritation.
- H318, Causes serious eye damage.
- H319, Causes serious eye irritation.
- H334, May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335, May cause respiratory irritation.

### The full text of identified uses as mentioned in section 1

- LCS "C" = Consumer uses: Private households (= general public = consumers)
- PROC10 = Roller application or brushing
- PC35 = Washing and Cleaning Products (including solvent based products)
- ERC8a = Wide dispersive indoor use of processing aids in open systems

### Abbreviations and acronyms

- ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- CAS = Chemical Abstracts Service
- CE = Conformité Européenne
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- CSA = Chemical Safety Assessment
- CSR = Chemical Safety Report
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EINECS = European Inventory of Existing Commercial chemical Substances
- ES = Exposure Scenario
- EUH statement = CLP-specific Hazard statement
- EWC = European Waste Catalogue
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IARC = International Agency for Research on Cancer (IARC)
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- OECD = Organisation for Economic Co-operation and Development
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
- RRN = REACH Registration Number
- SCL = A specific concentration limit.
- SVHC = Substances of Very High Concern
- STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
- STOT-SE = Specific Target Organ Toxicity - Single Exposure
- TWA = Time weighted average
- UN = United Nations
- UVCB = Complex hydrocarbon substance
- VOC = Volatile Organic Compound
- vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

### ▼ The safety data sheet is validated by

LT

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en