

SAFETY DATA SHEET

## Combiclean, med parfume

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

#### 1.1. Product identifier

Trade name

Combiclean, med parfume

Product no.

5101

▼ Unique formula identifier (UFI)

5HQJ-FFV8-8107-JUV4

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

Relevant identified uses of the substance or mixture

Professional uses.

Use descriptors (UK REACH)

Sectors of use	Description
LCS "C"	Consumer uses: Private households (= general public = consumers)
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities
PROC19	Hand-mixing with intimate contact and only PPE available
PROC28	Manual maintenance (cleaning and repair) of machinery
Environmental release category	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems

▼ Uses advised against

None known.

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

Company and address

**Jysk Kemi Service A/S**

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7500 Holstebro

Denmark

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www.jyskkemi.dk

Contact person

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Revision

08/12/2022

SDS Version

2.0

Date of previous version

20/10/2021 (1.0)

#### 1.4. Emergency telephone number

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

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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

-

Prevention

Wear eye protection/face protection/protective gloves. (P280)

#### ▼ Response

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

Storage

-

#### ▼ Disposal

-

#### ▼ Hazardous substances

None known.

#### ▼ Additional labelling

UFI: 5HQJ-FFV8-8107-JUV4

### 2.3. Other hazards

#### ▼ Additional warnings

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

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. ▼ Substances

Not applicable. This product is a mixture.

### 3.2. ▼ Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	CAS No.: 97862-59-4 EC No.: 931-296-8 UK-REACH: Index No.:	1-3%	Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Isotridecylalkoholetoxilát	CAS No.: 9043-30-5 EC No.: 500-027-2 UK-REACH: Index No.:	1-3%	EUH031 Acute Tox. 4, H302 Eye Dam. 1, H318	
diphenyl ether	CAS No.: 101-84-8 EC No.: 202-981-2 UK-REACH: Index No.:	<0.05%	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[1]

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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

[1] European occupational exposure limit.

#### ▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

< 5%

- Non-ionic surfactants
- Perfumes

### 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

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 eye irritation persists: Get 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.

#### 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

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and

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place in container for disposal, according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. ▼ Reference to other sections

See section 13 "Disposal considerations" on 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

Keep only in original packaging.

##### 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

diphenyl ether

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 7

Short term exposure limit (15 minutes) (ppm): 2

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 14

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

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	7.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	12.5 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	13.04 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	44 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	7.5 mg/kg bw/day

diphenyl ether

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	25 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	7 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	59 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	14 mg/m <sup>3</sup>

##### ▼ PNEC

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

Route of exposure	Duration of Exposure	PNEC
Freshwater		13.5 µg/L
Freshwater sediment		11.1 mg/kg

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Marine water	1.35 µg/L
Marine water sediment	1.11 mg/kg
Sewage treatment plant	3 g/L
Soil	850 µg/kg

#### diphenyl ether

Route of exposure	Duration of Exposure	PNEC
Freshwater		455 ng/L
Freshwater sediment		92.6 µg/kg
Intermittent release (freshwater)		4.55 µg/L
Marine water		45.5 ng/L
Marine water sediment		9.26 µg/kg
Sewage treatment plant		10 mg/L
Soil		18.3 µg/kg

### 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.

#### 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.

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

#### ▼ Generally

Use only UKCA marked protective equipment.

#### Respiratory Equipment

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
Nitrile	0.22500000000000001	> 480	EN374-2, EN374-3, EN388



#### Eye protection

Type	Standards

## SECTION 9: Physical and chemical properties

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

- Physical state
  - Liquid
- Colour
  - White
- Odour / Odour threshold
  - Faint
- pH
  - 7
- ▼ pH in solution
  - 7 (%)
- Density (g/cm<sup>3</sup>)
  - 1.01
- Kinematic viscosity
  - No data available
- Particle characteristics
  - Not applicable - product is a liquid
- Phase changes
  - Melting point/Freezing point (°C)
    - Not applicable - product is a liquid
  - Softening point/range (waxes and pastes) (°C)
    - Does not apply to liquids.
  - ▼ Boiling point (°C)
    - 100
- Vapour pressure
  - Not applicable - product is a liquid
- Relative vapour density
  - Not applicable - product is a liquid
- Decomposition temperature (°C)
  - Not applicable - product is a liquid
- Data on fire and explosion hazards
  - Flash point (°C)
    - Not applicable - product is a liquid
  - Ignition (°C)
    - Not applicable - product is a liquid
  - Auto flammability (°C)
    - Not applicable - product is a liquid
  - Lower and upper explosion limit (% v/v)
    - Not applicable - product is a liquid
- Solubility
  - ▼ Solubility in water
    - Completely soluble
  - ▼ n-octanol/water coefficient
    - Testing not relevant or not possible due to the nature of the product.
  - ▼ Solubility in fat (g/L)
    - Testing not relevant or not possible due to the nature of the product.
- 9.2. Other information
  - Evaporation rate (n-butylacetate = 100)
    - Not applicable - product is a liquid
  - ▼ Other physical and chemical parameters
    - No data available.

## 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
  - None known.

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#### 10.4. ▼ Conditions to avoid

None known.

#### 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 hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

##### ▼ Acute toxicity

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
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Test method	
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Species	Rat
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Route of exposure	Oral
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Test	LD50
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Result	2335 mg/kg
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Other information	
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Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
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Test method	
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Species	Rat
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Route of exposure	Dermal
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Test	LD50
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Result	> 2000 mg/kg
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Other information	
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Product/substance	Isotridecylalkoholetoxiolat
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Test method	
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Species	Rat
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Route of exposure	Oral
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Test	LD50
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Result	300-2000 mg/kg
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Other information	
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##### 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.

#### 11.2. Information on other hazards

##### 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.

##### ▼ Endocrine disrupting properties

None known.

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#### ▼ Other information

None known.

### SECTION 12: Ecological information

#### 12.1. ▼ Toxicity

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Test method	
Species	Fish
Compartment	
Duration	
Test	LC50
Result	1,1 mg/L
Other information	

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Test method	
Species	Crustacean
Compartment	
Duration	
Test	EC50
Result	1,9 mg/L
Other information	

Product/substance	Isotridecylalkoholetoxilát
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	1-10 mg/L
Other information	

Product/substance	Isotridecylalkoholetoxilát
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	>10 mg/l
Other information	

Product/substance	Isotridecylalkoholetoxilát
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	EC10
Result	0,1-1 mg/L
Other information	

#### 12.2. ▼ Persistence and degradability

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Biodegradable	Yes
Test method	OECD 301 B
Result	91,6

Product/substance	Isotridecylalkoholetoxilát
Biodegradable	Yes
Test method	OECD 301 D
Result	> 60%

#### 12.3. ▼ Bioaccumulative potential



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Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Test method	
Potential bioaccumulation	No data available.
LogPow	No data available.
BCF	71
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. ▼ Endocrine disrupting properties

None known.

#### 12.7. ▼ Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### ▼ Waste treatment methods

Product is not covered by regulations on dangerous waste.

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

#### ▼ EWC code

Not applicable.

#### ▼ 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 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### ▼ Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. ▼ Special precautions for user

Not applicable.

#### 14.7. ▼ Maritime transport in bulk according to IMO instruments

No data available.

### SECTION 15: Regulatory information

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

##### ▼ Restrictions for application

Restricted to professional users.

##### ▼ 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

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Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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 on detergents as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

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

EUH031, Contact with acids liberates toxic gas.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

H412, Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

LCS "C" = Consumer uses: Private households (= general public = consumers)

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

PROC8a = Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC19 = Hand-mixing with intimate contact and only PPE available

PROC28 = Manual maintenance (cleaning and repair) of machinery

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

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TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

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) as retained and amended in UK law.

▼ **The safety data sheet is validated by**

Rikke Hunsbjerg

**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