

SAFETY DATA SHEET

## Universalrens / Bremserens Ltr CL-128

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

#### 1.1. Product identifier

▼ Trade name

Universalrens / Bremserens Ltr CL-128

REACH registration number

01-2119475133-43-XXXX

Other means of identification

EC No.: 927-510-4

CAS No.: 64742-49-0

Unique formula identifier (UFI)

PY5X-AUDR-WDP1-YQGH

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

Relevant identified uses of the substance or mixture

Industrial purposes

Use descriptors (REACH)

| Sectors of use                 | Description  |
|--------------------------------|--|
| LCS "PW"                       | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| LCS "C"                        | Consumer uses: Private households (= general public = consumers)                                 |
| Product category               | Description  |
| PC 24                          | Lubricants, Greases and Release Products   |
| Process category               | Description  |
| PROC 19                        | Hand-mixing with intimate contact and only PPE available   |
| Environmental release category | Description  |
| ERC 8a                         | 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

**Pureno A/S**

Gefionsvej 20

3400 Hillerød

Denmark

+45 70 260 267

Contact person

Lars Skaarup

E-mail

ls@pureno.dk

Revision

16/10/2024

SDS Version

4.0

Date of previous version

09/10/2024 (3.0)

#### 1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)

See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

### 2.1. Classification of the substance or mixture

Flam. Liq. 2; H225, Highly flammable liquid and vapour.  
 Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.  
 Skin Irrit. 2; H315, Causes skin irritation.  
 STOT SE 3; H336, May cause drowsiness or dizziness.  
 Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Highly flammable liquid and vapour. (H225)  
 May be fatal if swallowed and enters airways. (H304)  
 Causes skin irritation. (H315)  
 May cause drowsiness or dizziness. (H336)  
 Toxic to aquatic life with long lasting effects. (H411)

Precautionary statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)  
 Keep out of reach of children. (P102)

Prevention

Avoid release to the environment. (P273)  
 Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)  
 Do NOT induce vomiting. (P331)

Storage

Store locked up. (P405)

Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Additional labelling

UFI: PY5X-AUDR-WDP1-YQGH

### 2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
 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) 2023/707.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

| Product/substance                                | Identifiers                  | % w/w   | Classification          | Note  |
|--|------------------------------|---------|-------------------------|-------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics | CAS No.: 64742-49-0          | 95-100% | Flam. Liq. 2, H225      | [15], |
|  | EC No.: 927-510-4            |         | Asp. Tox. 1, H304       | [19]  |
|  | REACH: 01-2119475133-43-XXXX |         | Skin Irrit. 2, H315     |       |
|  | Index No.:                   |         | STOT SE 3, H336         |       |
|  |                              |         | Aquatic Chronic 2, H411 |       |

### 3.2. Mixtures

Not applicable. This product is a substance.

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

### Other information

[15] The classification as a carcinogen / mutagen will not be taken into account as the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7) (CLP, Annex VI, note P).

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## 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

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

#### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

### 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

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Highly flammable liquid and vapour.

In use may form flammable/explosive vapour-air 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 chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

## 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and 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

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

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.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

#### Recommended storage material

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

#### Fire class

In accordance with the statutory order on flammable liquids the product is classified as a liquid of class I, subclass 1 (1 storage unit = 1 liter).

#### Storage conditions

> 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

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

| Duration:   | Route of exposure: | DNEL:              |
|---|--------------------|--------------------|
| Long term – Systemic effects - General population | Dermal             | 149 mg/kg bw/day   |
| Long term – Systemic effects - General population | Dermal             | 1377 mg/kg bw/day  |
| Long term – Systemic effects - General population | Dermal             | 1377 mg/kg bw/day  |
| Long term – Systemic effects - Workers            | Dermal             | 13964 mg/kg bw/day |

|  |            |                           |
|--|------------|---------------------------|
| Long term – Systemic effects - Workers             | Dermal     | 13964 mg/kg bw/day        |
| Short term – Systemic effects - Workers            | Dermal     | 300 mg/kg bw/day          |
| Long term – Local effects - General population     | Inhalation | 178.57 mg/m <sup>3</sup>  |
| Long term – Local effects - Workers                | Inhalation | 837.5 mg/m <sup>3</sup>   |
| Long term – Systemic effects - General population  | Inhalation | 447 mg/m <sup>3</sup>     |
| Long term – Systemic effects - General population  | Inhalation | 1131 mg/m <sup>3</sup>    |
| Long term – Systemic effects - General population  | Inhalation | 447 mg/m <sup>3</sup>     |
| Long term – Systemic effects - General population  | Inhalation | 1131 mg/m <sup>3</sup>    |
| Long term – Systemic effects - Workers             | Inhalation | 2085 mg/m <sup>3</sup>    |
| Long term – Systemic effects - Workers             | Inhalation | 5306 mg/m <sup>3</sup>    |
| Long term – Systemic effects - Workers             | Inhalation | 2085 mg/m <sup>3</sup>    |
| Long term – Systemic effects - Workers             | Inhalation | 5306 mg/m <sup>3</sup>    |
| Short term – Local effects - General population    | Inhalation | 640 mg/m <sup>3</sup>     |
| Short term – Local effects - Workers               | Inhalation | 1066.67 mg/m <sup>3</sup> |
| Short term – Systemic effects - General population | Inhalation | 1152 mg/m <sup>3</sup>    |
| Short term – Systemic effects - Workers            | Inhalation | 1286.4 mg/m <sup>3</sup>  |
| Long term – Systemic effects - General population  | Oral       | 149 mg/kg bw/day          |
| Long term – Systemic effects - General population  | Oral       | 1301 mg/kg bw/day         |
| Long term – Systemic effects - General population  | Oral       | 1301 mg/kg bw/day         |

## PNEC

No data available.

## 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

### 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

Occupational exposure limits have not been defined for the substances in this product.

### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

Take off contaminated clothing and wash it before reuse.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment

### Generally

In the event the work process is within scope of the Danish statutory order on work with code numbered products (Work Inspectorate Order no. 302/1993), then personal protection equipment shall be selected as set out herein. If applicable, please refer to the code number of this product in section 15.

Use only CE marked protective equipment.

### Respiratory Equipment

| Type | Class                  | Colour | Standards |
|------|------------------------|--------|-----------|
| A    | Class 1 (low capacity) | Brown  | EN14387   |



### Skin protection

| Recommended                            | Type/Category | Standards |
|--|---------------|-----------|
| Dedicated work clothing should be worn | -             | -         |



### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards               |
|----------|----------------------|--------------------------|-------------------------|
| Nitrile  | 0.3                  | > 60                     | EN374-2, EN374-3, EN388 |



## Eye protection

| Type           | Standards |
|----------------|-----------|
| Safety glasses | EN166     |



## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless

#### Odour / Odour threshold

Characteristic

#### pH

No relevant or available data due to the nature of the product.

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

0.69

#### Kinematic viscosity

No relevant or available data due to the nature of the product.

#### Particle characteristics

Does not apply to liquids.

#### Phase changes

##### Melting point/Freezing point (°C)

No relevant or available data due to the nature of the product.

##### Softening point/range (°C)

Does not apply to liquids.

##### Boiling point (°C)

100

##### Vapour pressure

No relevant or available data due to the nature of the product.

##### Relative vapour density

No relevant or available data due to the nature of the product.

##### Decomposition temperature (°C)

No relevant or available data due to the nature of the product.

#### Data on fire and explosion hazards

##### Flash point (°C)

-5

##### Flammability (°C)

246

##### Auto-ignition temperature (°C)

No relevant or available data due to the nature of the product.

##### Lower and upper explosion limit (% v/v)

1 - 8

#### Solubility

##### Solubility in water

No relevant or available data due to the nature of the product.

##### n-octanol/water coefficient (LogKow)

No relevant or available data due to the nature of the product.

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

No relevant or available data due to the nature of the product.

## 9.2. Other information

### Other physical and chemical parameters

No data available.

### Oxidizing properties

No relevant or available data due to the nature of the product.

## 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.

### 10.4. Conditions to avoid

Avoid static electricity.

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11: Toxicological information

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

#### Acute toxicity

|                    |  |
|--------------------|--|
| Product/substance  | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:           | Rat  |
| Route of exposure: | Oral   |
| Test:              | LD50   |
| Result:            | >5840 mg/kg ·                                    |

|                    |  |
|--------------------|--|
| Product/substance  | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:           | Rat  |
| Route of exposure: | Inhalation                                       |
| Test:              | LC50   |
| Result:            | >23,3 mg/l 4h ·                                  |

|                    |  |
|--------------------|--|
| Product/substance  | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:           | Rat  |
| Route of exposure: | Inhalation                                       |
| Test:              | LC50   |
| Result:            | >2920 mg/kg ·                                    |

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

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

#### 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

May cause drowsiness or dizziness.

#### STOT-repeated exposure

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

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### 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

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

##### Other information

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Product/substance | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:          | Fish   |
| Duration:         | 96 hours   |
| Result:           | >13,4 mg/l ·                                     |

|                   |  |
|-------------------|--|
| Product/substance | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:          | Fish   |
| Duration:         | 96 hours   |
| Result:           | >13,4 mg/l ·                                     |

|                   |  |
|-------------------|--|
| Product/substance | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:          | Algae  |
| Duration:         | 72 hours   |
| Test:             | EC50   |
| Result:           | 10-30mg/l ·                                      |

|                   |  |
|-------------------|--|
| Product/substance | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Species:          | Fish   |
| Duration:         | No data available.                               |
| Test:             | LC50   |
| Result:           | 13,4 mg/l ·                                      |

Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

|                   |  |
|-------------------|--|
| Product/substance | Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics |
| Result:           | 98%  |
| Conclusion:       | Readily biodegradable                            |
| Test:             | OECD 301 F                                       |

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 3 - Flammable  
 HP 4 - Irritant (skin irritation and eye damage)  
 HP 14 - Ecotoxic  
 Dispose of contents/container to an approved waste disposal plant.  
 Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

**EWC code**  
 07 01 04\* Other organic solvents, washing liquids and mother liquors

**Specific labelling**  
 Not applicable.

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

**SECTION 14: Transport information**

|      | <b>14.1<br/>UN / ID</b> | <b>14.2<br/>UN proper shipping name</b> | <b>14.3<br/>Hazard class(es)</b>   | <b>14.4<br/>PG*</b> | <b>14.5<br/>Env**</b> | <b>Other<br/>informatio<br/>n:</b>  |
|------|-------------------------|---|--|---------------------|-----------------------|---|
| ADR  | UN1206                  | HEPTANES                                | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br><br>    | II                  | Yes                   | Limited quantities: 1 L<br>Tunnel restriction code: (D/E)<br>See below for additional information . |
| IMDG | UN1206                  | HEPTANES                                | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br><br> | II                  | Yes                   | Limited quantities: 1 L<br>EmS: F-E S-D<br>See below for additional information .                   |
| IATA | UN1206                  | HEPTANES                                | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br><br> | II                  | Yes                   | See below for additional information .  |

\* Packing group

\*\* Environmental hazards

**Additional information**

This product is within scope of the regulations of transport of dangerous goods.  
 ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.  
 IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### 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

People under the age of 18 shall not be exposed to this product.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

E2 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 200 tonnes / (upper-tier): 500 tonnes

#### REACH, Annex XVII

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics is subject to REACH restrictions (entry 40).

#### Regulation on work involving coded products

Code number (1993): 3-1.

#### Additional information

Tactile warning.

#### Sources

The Danish Working Environment Authority's executive order no. 1049 of 30 May 2021 on young people's work.

Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work.

Executive Order no. 372 of 25 April 2016 on control of the risk of major accidents with dangerous substances.

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

Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

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

H225, Highly flammable liquid and vapour.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H336, May cause drowsiness or dizziness.

H411, Toxic to aquatic life with long lasting effects.

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

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

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

PROC 19 = Hand-mixing with intimate contact and only PPE available

PC 24 = Lubricants, Greases and Release Products

ERC 8a = 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 (European conformity)

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  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
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  
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 mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

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

The classification of the mixture in regard to physical hazards has been based on experimental data.

#### The safety data sheet is validated by

Lisbet Tetsche

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a 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: DK-en