

## SAFETY DATA SHEET

## JKS Afspænding Neutral

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

## 1.1. Product identifier

## Trade name

JKS Afspænding Neutral

## Product no.

247

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

## Relevant identified uses of the substance or mixture

Rinse Aid

## 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  |
| PC 35                          | Washing and Cleaning Products (including solvent based products)   |
| Process category               | Description  |
| PROC 28                        | Manual maintenance (cleaning and repair) of machinery  |
| PROC 19                        | Hand-mixing with intimate contact and only PPE available   |
| PROC 8a                        | Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities |
| Environmental release category | Description  |
| ERC 8a                         | Wide dispersive indoor use of processing aids in open systems  |
| ERC 8b                         | Wide dispersive indoor use of reactive substances in open systems  |

## EuPCS

PC-DET-3.2 / Automatic dishwashing detergents - professional or industrial use

## Uses advised against

None known.

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

## Company and address

**Jysk Kemi Service A/S**

Gl. Struervej 50

7500 Holstebro

Denmark

+45 9740 3133

+45 9740 4846

www.jyskkemi.dk

## Contact person

Rikke Hunsbjerg

## E-mail

rikke@jyskkemi.dk

## Revision

19/10/2023

## SDS Version

1.0

## 1.4. Emergency telephone number

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

See section 4 "First aid measures".

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.2. Label elements

#### Hazard pictogram(s)

Not applicable.

#### Signal word

Not applicable.

#### Hazard statement(s)

Not applicable.

#### Precautionary statement(s)

##### General

-

##### Prevention

-

##### Response

-

##### Storage

-

##### Disposal

-

#### Hazardous substances

None known.

#### Additional labelling

EUH210, Safety data sheet available on request.

### 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 |
|---------------------------|--|-------|---|------|
| Fedtalkoholalkoxylate 4   | CAS No.: 111905-53-4<br>EC No.: 601-137-4<br>UK-REACH:<br>Index No.: | 5-10% | Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412 |      |
| Butylalkoxylat            | CAS No.: 9038-95-3<br>EC No.: 618-542-7<br>UK-REACH:<br>Index No.:   | 3-5%  | Acute Tox. 4, H302  |      |
| sodium p-cumenesulphonate | CAS No.: 15763-76-5<br>EC No.: 239-854-6<br>UK-REACH:<br>Index No.:  | 1-3%  | Eye Irrit. 2, H319  |      |
| citric acid               | CAS No.: 5949-29-1<br>EC No.: 611-842-9<br>UK-REACH:<br>Index No.:   | 1-3%  | Eye Irrit. 2, H319  |      |

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

#### Other information

-

### 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

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 the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

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 person 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

None known.

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

Treat symptomatically.

#### 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:

Sulphur oxides  
Carbon oxides (CO / CO<sub>2</sub>)  
Some metal oxides

#### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

### SECTION 6: Accidental release measures

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

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

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

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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

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

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

##### DNEL

##### 2-phenoxyethanol

| Duration:  | Route of exposure: | DNEL:                  |
|--|--------------------|------------------------|
| Long term – Systemic effects - General population  | Dermal             | 10.42 mg/kg bw/day     |
| Long term – Systemic effects - Workers             | Dermal             | 20.83 mg/kg bw/day     |
| Long term – Local effects - General population     | Inhalation         | 2.41 mg/m <sup>3</sup> |
| Long term – Local effects - Workers                | Inhalation         | 5.7 mg/m <sup>3</sup>  |
| Long term – Systemic effects - General population  | Inhalation         | 2.41 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers             | Inhalation         | 5.7 mg/m <sup>3</sup>  |
| Long term – Systemic effects - General population  | Oral               | 9.23 mg/kg bw/day      |
| Short term – Systemic effects - General population | Oral               | 9.23 mg/kg bw/day      |

##### sodium p-cumenesulphonate

| Duration:   | Route of exposure: | DNEL:                  |
|---|--------------------|------------------------|
| Long term – Local effects - General population    | Dermal             | 48 µg/cm <sup>2</sup>  |
| Long term – Local effects - Workers               | Dermal             | 96 µg/cm <sup>2</sup>  |
| Long term – Systemic effects - General population | Dermal             | 68.1 mg/kg bw/day      |
| Long term – Systemic effects - Workers            | Dermal             | 191 mg/kg bw/day       |
| Long term – Systemic effects - General population | Inhalation         | 6.6 mg/m <sup>3</sup>  |
| Long term – Systemic effects - Workers            | Inhalation         | 37.4 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population | Oral               | 3.8 mg/kg bw/day       |

##### PNEC

##### 2-phenoxyethanol

| Route of exposure:  | Duration of Exposure: | PNEC:       |
|---------------------|-----------------------|-------------|
| Freshwater          |                       | 943 µg/L    |
| Freshwater sediment |                       | 7.237 mg/kg |

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

|                                   |   |
|-----------------------------------|---|
| Intermittent release (freshwater) | 3.44 mg/L                                 |
| Marine water                      | 94.3 µg/L                                 |
| Marine water sediment             | 723.7 µg/kg                               |
| Sewage treatment plant            | 36 mg/L                                   |
| Soil                              | 1.31 mg/kg                                |
| citric acid                       |   |
| <b>Route of exposure:</b>         | <b>Duration of Exposure:</b> <b>PNEC:</b> |
| Freshwater                        | 0,44 mg/L                                 |
| Freshwater sediment               | 3,46 mg/kgbw                              |
| Marine water                      | 0,044 mg/L                                |
| Marine water sediment             | 34,6 mg/kgbw                              |
| Sewage treatment plant            | > 1000 mg/L                               |
| Soil                              | 33,1 mg/kgbw                              |
| sodium p-cumenesulphonate         |   |
| <b>Route of exposure:</b>         | <b>Duration of Exposure:</b> <b>PNEC:</b> |
| Freshwater                        | 100 µg/L                                  |
| Freshwater sediment               | 372 µg/kg                                 |
| Intermittent release (freshwater) | 1 mg/L                                    |
| Marine water                      | 10 µg/L                                   |
| Marine water sediment             | 37.2 µg/kg                                |
| Sewage treatment plant            | 100 mg/L                                  |
| Soil                              | 16 µg/kg                                  |

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

### 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

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 UKCA marked protective equipment.

### Respiratory Equipment

No specific requirements

### Skin protection

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

### Hand protection

No specific requirements.

### Eye protection

| Type | Standards |
|------|-----------|
|      |           |

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless

#### Odour / Odour threshold

Faint

#### pH

4

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

1.02

#### 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

No data available

##### Relative vapour density

No data available

##### Decomposition temperature (°C)

No data available

#### Data on fire and explosion hazards

##### Flash point (°C)

Not applicable - flash point > 200°C

##### Flammability (°C)

Not applicable

##### Auto-ignition temperature (°C)

Not applicable

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

Not applicable

#### 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)

No data available

#### Oxidizing properties

Not applicable

#### Other physical and chemical parameters

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

## 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

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  | Fedtalkoholalkoxylate 4 |
| Species:           | Rat                     |
| Route of exposure: | Oral                    |
| Test:              | LD50                    |
| Result:            | > 300-2000 mg/kg ·      |

|                    |                |
|--------------------|----------------|
| Product/substance  | Butylalkoxylat |
| Species:           | Rat            |
| Route of exposure: | Oral           |
| Test:              | LD50           |
| Result:            | 300-2000 mg/kg |

|                    |                           |
|--------------------|---------------------------|
| Product/substance  | sodium p-cumenesulphonate |
| Species:           | Rat                       |
| Route of exposure: | Oral                      |
| Test:              | LD50                      |
| Result:            | >2000 mg/kg ·             |

|                    |              |
|--------------------|--------------|
| Product/substance  | citric acid  |
| Species:           | Rat          |
| Route of exposure: | Oral         |
| Test:              | LD50         |
| Result:            | 3000 mg/kg · |

|                    |                  |
|--------------------|------------------|
| Product/substance  | 2-phenoxyethanol |
| Test method:       | OECD 402         |
| Species:           | Rabbit           |
| Route of exposure: | Dermal           |
| Test:              | LD50             |
| Result:            | > 2000 mg/kg     |

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

|                   |   |
|-------------------|---|
| Product/substance | Fedtalkoholalkoxylate 4                       |
| Test method:      | OECD 404                                      |
| Species:          | Rabbit  |
| Duration:         | No data available.                            |
| Result:           | Adverse effect observed (Slightly irritating) |

#### Respiratory sensitisation

|                   |  |
|-------------------|--|
| Product/substance | 2-phenoxyethanol                             |
| Result:           | No adverse effect observed (not sensitising) |

#### Skin sensitisation

|                   |  |
|-------------------|--|
| Product/substance | 2-phenoxyethanol                             |
| Result:           | No adverse effect observed (not sensitising) |

#### Germ cell mutagenicity

|                   |                  |
|-------------------|------------------|
| Product/substance | 2-phenoxyethanol |
|-------------------|------------------|

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

|   |                                  |
|---|----------------------------------|
| Conclusion:                               | No adverse effect observed       |
| <b>Carcinogenicity</b>                    |                                  |
| Product/substance                         | 2-phenoxyethanol                 |
| Conclusion:                               | No adverse effect observed       |
| <b>Reproductive toxicity</b>              |                                  |
| Product/substance                         | 2-phenoxyethanol                 |
| Conclusion:                               | No adverse effect observed       |
| <b>STOT-single exposure</b>               |                                  |
| Product/substance                         | 2-phenoxyethanol                 |
| Route of exposure:                        | Inhalation                       |
| Conclusion:                               | Adverse effect observed          |
| <b>STOT-repeated exposure</b>             |                                  |
| Product/substance                         | 2-phenoxyethanol                 |
| Conclusion:                               | No adverse effect observed       |
| <b>Aspiration hazard</b>                  |                                  |
| Product/substance                         | 2-phenoxyethanol                 |
| Kin. viscosity (mm <sup>2</sup> /s):      | 19,38                            |
| Conclusion:                               | Aspiration hazard not applicable |
| <b>11.2. Information on other hazards</b> |                                  |
| <b>Long term effects</b>                  |                                  |
| None known.                               |                                  |
| <b>Endocrine disrupting properties</b>    |                                  |
| Product/substance                         | 2-phenoxyethanol                 |
| <b>Other information</b>                  |                                  |
| None known.                               |                                  |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |                           |
|-------------------|---------------------------|
| Product/substance | Fedtalkoholalkoxylate 4   |
| Species:          | Fish                      |
| Duration:         | 7 days                    |
| Test:             | LC50                      |
| Result:           | 1-10 mg/l ·               |
| <hr/>             |                           |
| Product/substance | Fedtalkoholalkoxylate 4   |
| Species:          | Daphnia                   |
| Duration:         | 48 hours                  |
| Test:             | EC50                      |
| Result:           | 1-10 mg/l ·               |
| <hr/>             |                           |
| Product/substance | Butylalkoxylat            |
| Species:          | Fish                      |
| Duration:         | 7 days                    |
| Test:             | LC50                      |
| Result:           | > 100 mg/l ·              |
| <hr/>             |                           |
| Product/substance | Butylalkoxylat            |
| Species:          | Daphnia                   |
| Duration:         | 48 hours                  |
| Test:             | EC50                      |
| Result:           | > 100 mg/l ·              |
| <hr/>             |                           |
| Product/substance | sodium p-cumenesulphonate |
| Species:          | Daphnia                   |
| Duration:         | 48 hours                  |
| Test:             | EC50                      |
| Result:           | > 100 mg/l ·              |
| <hr/>             |                           |
| Product/substance | sodium p-cumenesulphonate |



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Species: Algae  
 Duration: 72 hours  
 Test: EC50  
 Result: > 100 mg/l ·

Product/substance citric acid  
 Species: Fish  
 Duration: 7 days  
 Test: LC50  
 Result: 440-760 mg/l ·

Product/substance citric acid  
 Species: Crustacean  
 Duration: No data available.  
 Test: EC50  
 Result: > 10000 mg/l ·

Product/substance 2-phenoxyethanol  
 Test method: OECD 202  
 Species: Daphnia  
 Duration: 48 hours  
 Test: EC50  
 Result: > 100 mg/l ·

Product/substance 2-phenoxyethanol  
 Test method: OECD 201  
 Species: Algae, Desmodesmus subspicatus  
 Duration: 72 hours  
 Test: EC50  
 Result: >100 mg/L

Product/substance 2-phenoxyethanol  
 Test method: OECD 203  
 Species: Fish, Pimephales promelas  
 Duration: 96 hours  
 Test: LC50  
 Result: 344 mg/L

Product/substance 2-phenoxyethanol  
 Species: Fish, Pimephales promelas  
 Test: NOEC  
 Result: 23 mg/L

Product/substance 2-phenoxyethanol  
 Species: Daphnia, Daphnia magna  
 Duration: 21 days  
 Test: NOEC  
 Result: 9,43 mg/L

Product/substance 2-phenoxyethanol  
 Compartment: Sewage treatment plant  
 Duration: 17 hours  
 Test: EC10  
 Result: 320 mg/L

## 12.2. Persistence and degradability

Product/substance Fedtalkoholalkoxylate 4  
 Biodegradable: Yes  
 Test method: OECD 301 F  
 Result: > 60%

Product/substance Butylalkoxylat  
 Biodegradable: Yes  
 Test method: OECD 301 F  
 Result: > 60%

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

|                   |                           |
|-------------------|---------------------------|
| Product/substance | sodium p-cumenesulphonate |
| Biodegradable:    | Yes                       |
| Test method:      | OECD 301 B                |
| Result:           | > 60%                     |

|                   |             |
|-------------------|-------------|
| Product/substance | citric acid |
| Biodegradable:    | Yes         |
| Test method:      | OECD 301 B  |
| Result:           | 97%         |

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.

### 12.3. Bioaccumulative potential

|                            |                           |
|----------------------------|---------------------------|
| Product/substance          | sodium p-cumenesulphonate |
| Potential bioaccumulation: | No                        |
| LogPow:                    | No data available.        |
| BCF:                       | No data available.        |

|                            |                    |
|----------------------------|--------------------|
| Product/substance          | 2-phenoxyethanol   |
| Test method:               | OECD 305           |
| Potential bioaccumulation: | No                 |
| LogPow:                    | No data available. |
| BCF:                       | -0,35              |

### 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

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

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

Not applicable.

### Specific labelling

### Contaminated packing

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

## SECTION 14: Transport information

|      | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other<br>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

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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

No special.

##### Demands for specific education

No specific requirements.

##### SEVESO - Categories / dangerous substances

Not applicable.

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

5% - 15%

· Non-ionic surfactants

< 5%

· Anionic surfactants

· Preservation agent (PHENOXYETHANOL)

##### 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 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

H302, Harmful if swallowed.

H319, Causes serious eye irritation.

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)

PROC 28 = Manual maintenance (cleaning and repair) of machinery

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

PROC 8a = Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PC 35 = Washing and Cleaning Products (including solvent based products)

ERC 8a = Wide dispersive indoor use of processing aids in open systems

ERC 8b = Wide dispersive indoor use of reactive substances 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

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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  
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

Not applicable.

#### The safety data sheet is validated by

RH

#### 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