

# SAFETY DATA SHEET

## Toko Eco Textile Wash

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

#### 1.1. Product identifier

*Trade name:* Toko Eco Textile Wash

*Other names / Synonyms:* Eco Textile Wash 250ml (5582604)  
Textile Wash 40ml (5582408)  
Eco Textile Wash 1000ml (5582610)  
Eco Textile Wash 5000ml (5582520)  
Bolmen St. Textile Wash 250ml (554-0218-0111 (5582407))  
Eco Textile Wash 1000ml (5582613)  
eco care Textile Wash 250ml (5582800)  
eco care Textile Wash 40ml (5582809)  
eco care Textile Wash refill 1000ml (5582810)

*Product no.:* 5582604, 5582408, 5582610, 5582520, 554-0218-0111 (5582407), 5582613, 5582800, 5582809, 5582810

*▼ Unique formula identifier (UFI):* UFI (5582604): 3VVJ-M1CE-228V-SD2K  
UFI (5582408): X83H-00W2-F62C-X3C3  
UFI (5582610): 3VVJ-M1CE-228V-SD2K  
UFI (5582520): 2MMQ-7KCV-PV4Y-4X5V  
UFI (554-0218-0111 (5582407)): 2DMY-MM98-VV69-AQD1  
UFI (5582613): 7PYH-RK9G-YX4V-KY7V  
UFI (5582800): 84N8-2JNF-6X42-5PME  
UFI (5582809): 6SQ8-SJ1R-PX4E-N8PE  
UFI (5582810): NDR8-9JVH-TX4V-9NRV

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

*Relevant identified uses of the substance or mixture:* Cleaning product

*Uses advised against:* None known.

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

*Company and address:* **BRAV Switzerland AG**  
Industriestrasse 4  
9450 Altstätten  
Switzerland  
+41 71 757 73 73

*Distributor:* **Solo Sports Brands Ltd**  
Unit 2B, Toll BarSedbergh  
LA10 5HA Cumbria  
UK  
sales@solosport.co.uk  
Customer Service: keyaccount@brav.com  
www.solosport.co.uk

*Revision:* 27/11/2024

*SDS Version:* 3.0

*Date of previous version:* 02/10/2024 (2.0)

#### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)  
General public:  
England - Dial 111 to reach NHS 111 (24 hour service)  
Scotland - Dial 112 to reach NHS 24 (24 hour service)  
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)  
See section 4 "First aid measures".

## 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:* Sulfonic acids, C14-17-sec-alkane, sodium salts  
bronopol (INN);2-bromo-2-nitropropane-1,3-diol

▼ *Additional labelling:* EUH210, Safety data sheet available on request.  
UFI (5582604): 3VVJ-M1CE-228V-SD2K  
UFI (5582408): X83H-00W2-F62C-X3C3  
UFI (5582610): 3VVJ-M1CE-228V-SD2K  
UFI (5582520): 2MMQ-7KCV-PV4Y-4X5V  
UFI (554-0218-0111 (5582407)): 2DMY-MM98-VV69-AQD1  
UFI (5582613): 7PYH-RK9G-YX4V-KY7V  
UFI (5582800): 84N8-2JNF-6X42-5PME  
UFI (5582809): 6SQ8-SJ1R-PX4E-N8PE  
UFI (5582810): NDR8-9JVH-TX4V-9NRV

▼ *Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:*  
15% - 30%  
· Non-ionic surfactants  
< 5%  
· Anionic surfactants

### 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

Not applicable. This product is a mixture.

### 3.2. Mixtures

| Product/substance                               | Identifiers                                                         | % w/w  | Classification                                                                                                                                              | Note |
|-------------------------------------------------|---------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Sulfonic acids, C14-17-sec-alkane, sodium salts | CAS No.: 97489-15-1<br>EC No.: 307-055-2<br>UK-REACH:<br>Index No.: | 1<10%  | Acute Tox. 4, H302<br>Skin Irrit. 2, H315 (SCL: 60.00 %)<br>Eye Dam. 1, H318 (SCL: 15.00 %)<br>Eye Irrit. 2, H319 (SCL: 10.00 %)<br>Aquatic Chronic 3, H412 |      |
| bronopol (INN);2-bromo-2-                       | CAS No.: 52-51-7                                                    | <0.05% | Acute Tox. 4, H302                                                                                                                                          |      |

|                       |                         |                               |
|-----------------------|-------------------------|-------------------------------|
| nitropropane-1,3-diol | EC No.: 200-143-0       | Acute Tox. 4, H312            |
|                       | UK-REACH:               | Skin Irrit. 2, H315           |
|                       | Index No.: 603-085-00-8 | Eye Dam. 1, H318              |
|                       |                         | STOT SE 3, H335               |
|                       |                         | Aquatic Acute 1, H400 (M=10)  |
|                       |                         | Aquatic Chronic 1, H410 (M=1) |

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

|                             |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>General information:</i> | In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.<br>Contact a doctor if in doubt about the injured person's condition or if the symptoms persist.<br>Never give an unconscious person water or other drink.                                                                                                                                  |
| <i>Inhalation:</i>          | Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.                                                                                                                                                                                                                                                                               |
| <i>Skin contact:</i>        | Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.                                                                                                                                                                                                                                                                                                        |
| <i>Eye contact:</i>         | 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.                                                                                                                                                                                                                              |
| <i>Ingestion:</i>           | If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.<br>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. |
| <i>Burns:</i>               | 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

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

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

No specific requirements.

## 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**  
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 conditions:* Room temperature 18 to 23°C  
Dry, cool and well ventilated  
Protect from frost.
- 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

Sulfonic acids, C14-17-sec-alkane, sodium salts

| Duration:                                         | Route of exposure: | DNEL:                  |
|---------------------------------------------------|--------------------|------------------------|
| Long term – Local effects - General population    | Dermal             | 2.8 mg/cm <sup>2</sup> |
| Long term – Local effects - Workers               | Dermal             | 2.8 mg/cm <sup>2</sup> |
| Long term – Systemic effects - General population | Dermal             | 3.57 mg/kg bw/day      |
| Long term – Systemic effects - Workers            | Dermal             | 5 mg/kg bw/day         |
| Short term – Local effects - General population   | Dermal             | 2.8 mg/cm <sup>2</sup> |
| Short term – Local effects - Workers              | Dermal             | 2.8 mg/cm <sup>2</sup> |
| Long term – Systemic effects - General population | Inhalation         | 12.4 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers            | Inhalation         | 35 mg/m <sup>3</sup>   |
| Long term – Systemic effects - General population | Oral               | 7.1 mg/kg bw/day       |

### PNEC

Sulfonic acids, C14-17-sec-alkane, sodium salts

| Route of exposure:  | Duration of Exposure: | PNEC:     |
|---------------------|-----------------------|-----------|
| Freshwater          |                       | 60 µg/L   |
| Freshwater sediment |                       | 9.4 mg/kg |

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

|                                   |            |
|-----------------------------------|------------|
| Intermittent release (freshwater) | 60 µg/L    |
| Marine water                      | 6 µg/L     |
| Marine water sediment             | 940 µg/kg  |
| Predators                         | 53.3 mg/kg |
| Sewage treatment plant            | 600 mg/L   |
| Soil                              | 9.4 mg/kg  |

## 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:* In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to 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:*

| Type                              | Class | Colour | Standards |
|-----------------------------------|-------|--------|-----------|
| No special when used as intended. |       |        |           |

*Skin protection:*

| Recommended                                                                                                      | Type/Category | Standards |
|------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester. | -             | -         |



▼ *Hand protection:*

| Work situation                                            | Material | Glove thickness (mm) | Breakthrough time (min.) | Standards               |
|-----------------------------------------------------------|----------|----------------------|--------------------------|-------------------------|
| In the event of prolonged exposure or high concentrations | Nitrile  | 0.4                  | > 480                    | EN374-2, EN374-3, EN388 |



*Eye protection:*

| Work situation                                        | Type                                                        | Standards |
|-------------------------------------------------------|-------------------------------------------------------------|-----------|
| When there is risk of splash- / intermittent exposure | Face shield alternatively safety glasses with side shields. | EN166     |



## SECTION 9: Physical and chemical properties

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

*Physical state:* Liquid

*Colour:* Colourless, Pale yellow

*Odour / Odour threshold:* Characteristic

|                                    |                                                                 |
|------------------------------------|-----------------------------------------------------------------|
| <i>pH:</i>                         | ~7                                                              |
| <i>Density (g/cm<sup>3</sup>):</i> | -                                                               |
| <i>Relative density:</i>           | 1.01                                                            |
| <i>Kinematic viscosity:</i>        | No relevant or available data due to the nature of the product. |
| <i>Particle characteristics:</i>   | Does not apply to liquids.                                      |

#### Phase changes

|                                           |                                                                 |
|-------------------------------------------|-----------------------------------------------------------------|
| <i>Melting point/Freezing point (°C):</i> | No relevant or available data due to the nature of the product. |
| <i>Softening point/range (°C):</i>        | Does not apply to liquids.                                      |
| <i>Boiling point (°C):</i>                | No relevant or available data due to the nature of the product. |
| <i>Vapour pressure:</i>                   | No relevant or available data due to the nature of the product. |
| <i>Relative vapour density:</i>           | No relevant or available data due to the nature of the product. |
| <i>Decomposition temperature (°C):</i>    | No relevant or available data due to the nature of the product. |

#### Data on fire and explosion hazards

|                                                 |                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|
| <i>Flash point (°C):</i>                        | No relevant or available data due to the nature of the product. |
| <i>Flammability (°C):</i>                       | No relevant or available data due to the nature of the product. |
| <i>Auto-ignition temperature (°C):</i>          | No relevant or available data due to the nature of the product. |
| <i>Lower and upper explosion limit (% v/v):</i> | No relevant or available data due to the nature of the product. |

#### Solubility

|                                              |                                                                 |
|----------------------------------------------|-----------------------------------------------------------------|
| <i>Solubility in water:</i>                  | Soluble                                                         |
| <i>n-octanol/water coefficient (LogKow):</i> | No relevant or available data due to the nature of the product. |
| <i>Solubility in fat (g/L):</i>              | No relevant or available data due to the nature of the product. |

#### 9.2. Other information

|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| <i>Oxidizing properties:</i>                   | No relevant or available data due to the nature of the product. |
| <i>Other physical and chemical parameters:</i> | 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.
- 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**  
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 as retained and amended in UK law

### Acute toxicity

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Product/substance  | Sulfonic acids, C14-17-sec-alkane, sodium salts |
| Test method:       | OECD 401                                        |
| Species:           | Rat                                             |
| Route of exposure: | Oral                                            |
| Test:              | LD50                                            |
| Result:            | > 500 - 2000 mg/kg                              |

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Product/substance  | Sulfonic acids, C14-17-sec-alkane, sodium salts |
| Species:           | Mouse                                           |
| 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

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

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

None known.

### 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 | Sulfonic acids, C14-17-sec-alkane, sodium salts |
| Test method:      | OECD 203                                        |
| Species:          | Fish, Brachydanio rerio                         |
| Duration:         | 96 hours                                        |
| Test:             | LC50                                            |
| Result:           | 1 - 10 mg/L                                     |

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Product/substance | Sulfonic acids, C14-17-sec-alkane, sodium salts |
| Test method:      | OECD 204                                        |
| Species:          | Fish, Oncorhynchus mykiss                       |
| Duration:         | 28 days                                         |
| Test:             | NOEC                                            |

Result: 0.85 mg/L

Product/substance: Sulfonic acids, C14-17-sec-alkane, sodium salts  
 Test method: OECD 202  
 Species: Daphnia, Daphnia magna  
 Duration: 22d  
 Test: NOEC  
 Result: 0.36 mg/L

Product/substance: Sulfonic acids, C14-17-sec-alkane, sodium salts  
 Test method: OECD 202  
 Species: Daphnia, Daphnia magna  
 Duration: 48 hours  
 Test: EC50  
 Result: 9.81 mg/L

Product/substance: Sulfonic acids, C14-17-sec-alkane, sodium salts  
 Test method: OECD 201  
 Species: Algae, Scenedesmus subspicatus  
 Duration: 72 hours  
 Test: EC50  
 Result: >61 mg/L

Product/substance: Sulfonic acids, C14-17-sec-alkane, sodium salts  
 Test method: DIN 38412  
 Species: Bacteria, Pseudomonas putida  
 Duration: 16 hours  
 Test: NOEC  
 Result: 600 mg/L

Product/substance: Sulfonic acids, C14-17-sec-alkane, sodium salts  
 Test method: OECD 222 (Earthworm Reproduction Test (Eisenia fetida/Eisenia andrei))  
 Species: Eisenia foetida  
 Duration: 56 d  
 Test: NOEC  
 Result: 470 mg/kg

## 12.2. Persistence and degradability

Product/substance: Sulfonic acids, C14-17-sec-alkane, sodium salts  
 Result: 96.2 % (34d)  
 Conclusion: Readily biodegradable  
 Test: OECD 304 A (Inherent Biodegradability in Soil)

## 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

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

20 01 30 Detergents other than those mentioned in 20 01 29

## 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

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.

*Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:* Not applicable.

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

- 15% - 30% · Non-ionic surfactants
- < 5% · Anionic surfactants

*Additional information:* Not applicable.

*Sources:*

- Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
- Regulation (EU) No 1357/2014 of 18 December 2014 on waste 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.

H312, Harmful in contact with skin.

H315, Causes skin irritation.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H400, Very toxic to aquatic life.  
H410, Very toxic to aquatic life with long lasting effects.  
H412, Harmful to aquatic life with long lasting effects.

#### 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

Not applicable.

#### The safety data sheet is validated by

EcoOnline Regulatory Affairs

#### 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: GB-en