

# PRODUCT SAFETY DATA SHEET



HEALTH • HYGIENE • HOME

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

### 1.1 Product identifier

DETTOL Complete Clean Antibacterial Multi-Action Bathroom Wipes Atlantic Fresh

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

Bathroom cleaner

### 1.3. Details of the Supplier of the Safety Data Sheet

#### The United Kingdom:

RB UK Commercial Ltd  
Wellcroft House  
Wellcroft Road  
Slough, Berkshire SL1 4AQ

#### The Republic Of Ireland:

Reckitt Benckiser Ireland Ltd  
7 Riverwalk  
Citywest Business Campus  
Dublin 24 Ireland

### 1.4 Emergency telephone number

**RB UK Contact Telephone:** 0333 2005 345

**RB ROI Contact Telephone:** 01 630 5429

**Only available during the following office hours:** 09:00 - 17:00 weekdays

**RB email:** [consumer.relations-ukroi@rb.com](mailto:consumer.relations-ukroi@rb.com)



**Poisons Information Centre of Ireland** 01 809 2166 8am-10pm 7 days a week

#### Revision Date:

8 January 2019

#### Revision:

2

#### Replacing:

2561810801 01 June 2015

#### RB Ref No:

2561810802

**Revisions:** Updated data sheet, multiple changes

### Additional useful information

**Product Format:** Impregnated wipe

**Proper Shipping Name:** Not Classified Dangerous for Transport

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Not classified

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

#### **Precautionary statements**

**General** : Keep out of reach of children.

**Prevention** : Not applicable.

**Response** : Not applicable.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Hazardous ingredients (CLP)** : Not applicable.

**Supplemental label elements (CLP)** : For surfaces that come in contact with food: Use only on hard non-porous surfaces and rinse thoroughly with water.  
For use on toys: Use only on hard non-porous surfaces.  
Not for personal use  
Do not flush down the toilet

#### **Special packaging requirements**

**Containers to be fitted with child-resistant fastenings** : Not applicable.

**Tactile warning of danger** : Not applicable.

### 2.3 Other hazards

**Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

**Substance/mixture** : Mixture

## SECTION 3: Composition/information on ingredients

| Product/ingredient name   | Identifiers  | %        | Classification   |   | Type |
|---|--|----------|--|---|------|
|   |  |          | 67/548/EEC   | Regulation (EC) No. 1272/2008 [CLP]   |      |
| ethanol   | REACH #:<br>01-2119457610-43<br>EC: 200-578-6<br>CAS: 64-17-5<br>Index: 603-002-00-5 | < 2.5    | F; R11   | Flam. Liq. 2, H225  | [2]  |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | EC: 270-325-2<br>CAS: 68424-85-1<br>Index: 612-140-00-5                              | 0.25 - 1 | Xn; R21/22<br><br>C; R34<br>N; R50<br><br><b>See Section 16 for the full text of the R-phrases declared above.</b> | Acute Tox. 4, H302<br><br>Acute Tox. 4, H312<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400<br><br><b>See Section 16 for the full text of the H statements declared above.</b> | [1]  |

### EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorization

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

**Annex XVII - Restrictions** : Not applicable.  
**on the manufacture,  
placing on the market  
and use of certain  
dangerous substances,  
mixtures and articles**

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

## SECTION 4: First aid measures

- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

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

#### Potential acute health effects

- Eye contact** : May cause eye irritation upon direct contact with eyes.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazards from the substance or mixture** : No specific fire or explosion hazard. In a fire, hazardous decomposition products may be produced.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

### 5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- 6.2 Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

- 6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### 7.3 Specific end use(s)

- Recommendations** : Multipurpose Cleaner  
Consumer uses
- Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 8.1 Control parameters

#### Occupational exposure limits

| Product/ingredient name | Exposure limit values   |
|-------------------------|---|
| Europe                  |   |
| ethanol                 | <b>EU OEL (Europe, 12/2011).</b><br>TWA: 1000 ppm 8 hours.<br>TWA: 1920 mg/m <sup>3</sup> 8 hours.<br><br><b>Rozporządzenie Ministra Pracy i Polityki Społecznej (Dz. U. 2002 Nr 217, poz. 1833, z późn. zm.) (Poland, 12/2011).</b><br>TWA: 1900 mg/m <sup>3</sup> 8 hours.<br><br><b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b><br>TWA: 1000 ppm 8 hours.<br>TWA: 1920 mg/m <sup>3</sup> 8 hours. |

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### 8.2 Manufacturer: Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.  
Permeation level 6, Penetration level 3 following EN374, taking into consideration the exposure of chemicals given in chapter 3.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## SECTION 8: Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Solid. [Wipe impregnated with liquid]
- Color** : White.
- Odor** : Characteristic.
- Odor threshold** : Not available.
- pH** : 10 to 11 [Conc. (% w/w): 100%][25°C]
- Melting point/freezing point** : Not available.
- Initial boiling point and boiling range** : Not available.
- Flash point** : Closed cup: >93.3°C
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Burning time** : Not available.
- Burning rate** : Not available.
- Upper/lower flammability or explosive limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Density** : 0.99 to 1 g/cm<sup>3</sup> [20°C]
- Solubility(ies)** : Easily soluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/ water** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.
- Explosive properties** : Not available.
- Oxidizing properties** : Not available.
- Corrosivity Remarks** : Not available.

### 9.2 Other information

No additional information.

## SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : Store and use away from heat, sparks, open flame or any other ignition source.
- 10.5 Incompatible materials** : Do not mix with household chemicals.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Instability Conditions** : Not available.
- Instability temperature** : Not available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

| Product/ingredient name   | Result                | Species | Dose                     | Exposure |
|---|-----------------------|---------|--------------------------|----------|
| ethanol   | LC50 Inhalation Vapor | Rat     | 124700 mg/m <sup>3</sup> | 4 hours  |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | LD50 Oral             | Rat     | 7 g/kg                   | -        |
|   | LD50 Dermal           | Rabbit  | 2848 mg/kg               | -        |
|   | LD50 Dermal           | Rabbit  | 3413 mg/kg               | -        |
|   | LD50 Oral             | Rat     | 344 mg/kg                | -        |
|   | LD50 Oral             | Rat     | 398 mg/kg                | -        |

#### Acute toxicity estimates

| Route  | ATE value     |
|--------|---------------|
| Oral   | 34565.1 mg/kg |
| Dermal | 110528 mg/kg  |

#### Irritation/Corrosion

| Product/ingredient name | Result                   | Species | Score | Exposure                           | Observation |
|-------------------------|--------------------------|---------|-------|------------------------------------|-------------|
| ethanol                 | Eyes - Moderate irritant | Rabbit  | -     | 0.066666667 minutes 100 milligrams | -           |
|                         | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams            | -           |
|                         | Eyes - Moderate irritant | Rabbit  | -     | 100 microliters                    | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 500 milligrams                     | -           |
|                         | Skin - Mild irritant     | Rabbit  | -     | 400 milligrams                     | -           |
|                         | Skin - Moderate irritant | Rabbit  | -     | 24 hours 20 milligrams             | -           |
| Quaternary ammonium     | Skin - Severe irritant   | Rabbit  | -     | 25 milligrams                      | -           |



## SECTION 11: Toxicological information

compounds, benzyl-  
C12-16-alkyldimethyl,  
chlorides

### Sensitization

| Product/ingredient name   | Route of exposure | Species    | Result          |
|---|-------------------|------------|-----------------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | skin              | Guinea pig | Not sensitizing |

### Mutagenicity

| Product/ingredient name   | Test   | Experiment  | Result   |
|---|--|---|----------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | OECD 471 - Bacterial Reverse Mutation Test       | Experiment: In vitro<br>Subject: Bacteria         | Negative |
|   | OECD 473 - Mammalian Chromosomal Aberration Test | Experiment: In vitro<br>Subject: Mammalian-Animal | Negative |
|   | OECD 476 - Mammalian Cell Gene Mutation Test     | Experiment: In vitro<br>Subject: Mammalian-Animal | Negative |

### Carcinogenicity

No known effect according to our database.

### Reproductive toxicity

No known effect according to our database.

### Teratogenicity

No known effect according to our database.

### Specific target organ toxicity (single exposure)

No known effect according to our database.

### Specific target organ toxicity (repeated exposure)

No known effect according to our database.

### Aspiration hazard

No known effect according to our database.

### Potential acute health effects

- Eye contact** : May cause eye irritation upon direct contact with eyes.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

## SECTION 11: Toxicological information

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

**Conclusion/Summary** : Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

**Other information** : Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Product/ingredient name   | Result   | Species                                    | Exposure             |
|---|--|--|----------------------|
| ethanol   | Acute EC50 17.921 mg/l Marine water                      | Algae - Ulva pertusa                       | 96 hours             |
|   | Acute EC50 2000 µg/l Fresh water                         | Daphnia - Daphnia magna                    | 48 hours             |
|   | Acute LC50 25500 µg/l Marine water                       | Crustaceans - Artemia franciscana - Larvae | 48 hours             |
|   | Acute LC50 42000 µg/l Fresh water                        | Fish - Oncorhynchus mykiss                 | 4 days               |
|   | Chronic NOEC 4.995 mg/l Marine water                     | Algae - Ulva pertusa                       | 96 hours             |
|   | Chronic NOEC 0.375 ul/L Fresh water                      | Fish - Gambusia holbrooki - Larvae         | 12 weeks             |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | Acute EC50 0.016 mg/l                                    | Daphnia                                    | 48 hours             |
|   | Acute LC50 64 ppb Fresh water<br>Chronic EC10 0.009 mg/l | Fish - Oncorhynchus mykiss<br>Algae        | 96 hours<br>72 hours |

### 12.2 Persistence and degradability

No known effect according to our database.

**Conclusion/Summary** : 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.

## SECTION 12: Ecological information

| Product/ingredient name   | Aquatic half-life | Photolysis | Biodegradability |
|---|-------------------|------------|------------------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | -                 | -          | Readily          |

### 12.3 Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| ethanol                 | -0.35              | -   | low       |

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

**PBT** : Not applicable.

**vPvB** : Not applicable.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|                                 | ADR/RID        | ADN            | IMDG           | IATA           |
|---------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number                  | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name    | -              | -              | -              | -              |
| 14.3 Transport hazard class(es) | -              | -              | -              | -              |
| 14.4 Packing group              | -              | -              | -              | -              |
| 14.5 Environmental hazards      | No.            | No.            | No.            | No.            |
| Additional information          | -              | -              | -              | -              |

For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## SECTION 15: Regulatory information

Chemical Safety Assessment following regulation 1907/2006/EC: Not relevant.

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

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

**Integrated pollution prevention and control list (IPPC) - Air** : Not listed

**Integrated pollution prevention and control list (IPPC) - Water** : Not listed

#### CMR Substances

None of the components are listed.

**Storage code** : 13

**Storage code Reference:** : TRGS 510 - Storage of hazardous substances in nonstationary containers

**Hazard class for water** : 1 Appendix No. 4

**WGK: Notes** : - for bulk material, not applicable for product in domestic pack sizes. Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (VwVwS)

## SECTION 15: Regulatory information

## SECTION 16: Other information

☑ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number

**Key literature references and sources for data** : Not available.

### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Justification |
|----------------|---------------|
| Not classified |               |

### Europe

**Full text of abbreviated H statements** : H225 Highly flammable liquid and vapor.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.

**Full text of classifications [CLP/GHS]** : Acute Tox. 4, H302 ACUTE TOXICITY (oral) - Category 4  
Acute Tox. 4, H312 ACUTE TOXICITY (dermal) - Category 4  
Aquatic Acute 1, H400 AQUATIC HAZARD (ACUTE) - Category 1  
Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1  
Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2  
Skin Corr. 1B, H314 SKIN CORROSION/IRRITATION - Category 1B

**Full text of abbreviated R phrases** : R11- Highly flammable.  
R21/22- Harmful in contact with skin and if swallowed.  
R34- Causes burns.  
R50- Very toxic to aquatic organisms.

**Full text of classifications [DSD/DPD]** : F - Highly flammable  
C - Corrosive  
Xn - Harmful  
N - Dangerous for the environment

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product. All information contained herein is only to assist the recipient in fulfilling their statutory duty connected with the use of hazardous materials.

This Document may be entitled Product Safety Data Sheet as required by REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) Annex II OR Product Data Information Sheet where a product is not required to be supported by a full REACH compliant SDS (e.g. not classified as hazardous or out of scope, such as cosmetics).

Changes from the previous version are given in Section 1.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which they remain the sole person responsible.