

# PRODUCT SAFETY DATA SHEET



HEALTH · HYGIENE · HOME

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

FINISH Classic Powder Lemon

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

Detergent for domestic automatic dishwasher

### 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

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

**UK Contact Telephone:** 0845 769 7079

**ROI Contact Telephone:** 01 661 7318

**Contact Email:** consumer.relations-ukroi@rb.com

**Revision Date:**

**Revision**

**Replacing**

5 February 2016

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3538616602 01 Mar 2015

**RB Ref No:**


3538616603

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

### Additional useful information

**Product Format:** White, red and blue loose powder

### Product Identification Code

 03635-01018-GHS07

**Proper Shipping Name** Not Classified Dangerous for Transport  
Store below 40°C

## 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]**

Eye Irrit. 2, H319

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

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Causes serious eye irritation.

#### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Wear eye or face protection. Wash hands thoroughly after handling.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**Storage** : Not applicable.

**Disposal** : Not applicable.

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

**Supplemental label elements (CLP)** : Not applicable.

#### 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.

**Additional information** : Short term Skin Bleaching agent. IF ON SKIN: Rinse skin with water.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

| Product/ingredient name                                   | Identifiers   | %           | Classification  |   | Type |
|---|---|-------------|---|---|------|
|   |   |             | 67/548/EEC  | Regulation (EC) No. 1272/2008 [CLP]   |      |
| sodium carbonate  | REACH #:<br>01-2119485498-19<br>EC: 207-838-8<br>CAS: 497-19-8<br>Index: 011-005-00-2 | 60 -<br>100 | Xi; R36   | Eye Irrit. 2, H319  | [1]  |
| disodium carbonate, compound with hydrogen peroxide (2:3) | REACH #:<br>01-2119457268-30<br>EC: 239-707-6<br>CAS: 15630-89-4                      | 1 - 5       | O; R8<br><br>Xn; R22<br>Xi; R41<br><b>See Section 16 for the full text of the R-phrases declared above.</b> | Ox. Sol. 3, H272<br><br>Acute Tox. 4, H302<br>Eye Dam. 1, H318<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. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : Irritating to mouth, throat and stomach.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- 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** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- 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.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
metal oxide/oxides

### 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. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, 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). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- 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.
- Do not store above the following temperature:** : 40 °C
- Recommended Storage Temperature for 3 weeks** : <40 °C
- Recommended Storage Temperature for up to 6 weeks** : <30 °C
- Recommended Storage Temperature for over 6 weeks** : <30 °C

### 7.3 Specific end use(s)

- Recommendations** : Washing and cleaning products (including solvent based products) 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                         |                       |
| No exposure limit value known. |                       |

**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: chemical splash goggles.

#### 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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.

##### 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.  |
| Color  | : White. Blue.  |
| Odor   | : Characteristic.   |
| Odor threshold                               | : Not available.  |
| pH   | : 11.1 [Conc. (% w/w): 10%]                                     |
| 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                                      | : 1.08 g/cm <sup>3</sup> [20°C]                                 |
| Solubility(ies)                              | : 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

**SADT** : >55°C (50kg)

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. The product may not be stable under certain conditions of storage or use.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.  
  
Risk of exothermic decomposition at elevated temperatures, contact with other substances (such as acids, heavy-metal compounds or amines), friction or shock.
- 10.4 Conditions to avoid** : Keep away from heat and direct sunlight. Moisture: Do not mix with: acids or oxidizing agents
- 10.5 Incompatible materials** : No specific data.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Instability Conditions** : Do not store above the following temperature:40°C (104°F) Special shipping information For long distance transport Temperature control is required. at °C:30°C
- Instability temperature** : Not available.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

| Product/ingredient name                                   | Result      | Species | Dose        | Exposure |
|---|-------------|---------|-------------|----------|
| sodium carbonate  | LD50 Dermal | Rabbit  | >2000 mg/kg | -        |
|   | LD50 Oral   | Rat     | 2800 mg/kg  | -        |
| disodium carbonate, compound with hydrogen peroxide (2:3) | LD50 Oral   | Rat     | 1034 mg/kg  | -        |

#### Acute toxicity estimates

| Route | ATE value     |
|-------|---------------|
| Oral  | 24329.8 mg/kg |

#### Irritation/Corrosion

| Product/ingredient name | Result                   | Species | Score | Exposure                      | Observation |
|-------------------------|--------------------------|---------|-------|-------------------------------|-------------|
| sodium carbonate        | Eyes - Mild irritant     | Rabbit  | -     | 0.5 minutes<br>100 milligrams | -           |
|                         | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100 milligrams       | -           |

#### Sensitization

No known effect according to our database.

#### Mutagenicity

No known effect according to our database.

#### 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** : Causes serious eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : Irritating to mouth, throat and stomach.

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

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
| <b>Inhalation</b>   | : No specific data.  |
| <b>Skin contact</b> | : No specific data.  |
| <b>Ingestion</b>    | : No specific data.  |

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

#### Short term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Long term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Potential chronic health effects

Not available.

|                              |   |
|------------------------------|---|
| <b>Conclusion/Summary</b>    | : Not available.                                    |
| <b>General</b>               | : No known significant effects or critical hazards. |
| <b>Carcinogenicity</b>       | : No known significant effects or critical hazards. |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards. |
| <b>Teratogenicity</b>        | : No known significant effects or critical hazards. |
| <b>Developmental effects</b> | : No known significant effects or critical hazards. |
| <b>Fertility effects</b>     | : No known significant effects or critical hazards. |

**Other information** : Not available.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

| Product/ingredient name                                   | Result                               | Species                     | Exposure  |
|---|--------------------------------------|-----------------------------|-----------|
| sodium carbonate  | Acute EC50 242000 µg/l Fresh water   | Algae - Navicula seminulum  | 96 hours  |
|   | Acute LC50 176000 µg/l Fresh water   | Crustaceans - Amphipoda     | 48 hours  |
| disodium carbonate, compound with hydrogen peroxide (2:3) | Acute LC50 265000 µg/l Fresh water   | Daphnia - Daphnia magna     | 48 hours  |
|   | Acute LC50 300000 µg/l Fresh water   | Fish - Lepomis macrochirus  | 96 hours  |
|   | Acute EC50 70 mg/l                   | Algae - Chlorella emersonii | 240 hours |
|   | Acute EC50 4.9 mg/l                  | Daphnia - Daphnia Pulex     | 48 hours  |
|   | Acute LC50 70.7 mg/l                 | Fish - Pimephales promelas  | 96 hours  |
|   | Acute EC50 0.1 to 1 mg/l Fresh water | Daphnia                     | 48 hours  |
|   | Acute LC50 0.1 to 1 mg/l Fresh water | Fish - Leuciscus idus       | 96 hours  |

### 12.2 Persistence and degradability

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.

No known effect according to our database.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| sodium carbonate        | -                 | -          | Readily          |

### 12.3 Bioaccumulative potential

No known effect according to our database.

### 12.4 Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) : 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** : Yes.

#### European waste catalogue (EWC)

| Waste code | Waste designation                          |
|------------|--|
| 20 01 29*  | detergents containing dangerous substances |

#### 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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** :

**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** : Not applicable.

**on the manufacture,  
placing on the market  
and use of certain  
dangerous substances,  
mixtures and articles**

**Integrated pollution** : Not listed

**prevention and control  
list (IPPC) - Air**

**Integrated pollution** : Not listed

**prevention and control  
list (IPPC) - Water**

#### 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** : 2 Appendix No. 4

## SECTION 16: OTHER INFORMATION

**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]

Eye Irrit. 2, H319

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

| Classification     | Justification      |
|--------------------|--------------------|
| Eye Irrit. 2, H319 | Calculation method |

### Europe

**Full text of abbreviated H statements** : H272 May intensify fire; oxidizer.  
 H302 Harmful if swallowed.  
 (oral)  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H400 Very toxic to aquatic life.

**Full text of classifications [CLP/GHS]** : Acute Tox. 4, H302 ACUTE TOXICITY (oral) - Category 4  
 Aquatic Acute 1, H400 AQUATIC HAZARD (ACUTE) - Category 1  
 Eye Dam. 1, H318 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1  
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2  
 Ox. Sol. 3, H272 OXIDIZING SOLIDS - Category 3

**Full text of abbreviated R phrases** : R8- Contact with combustible material may cause fire.  
 R22- Harmful if swallowed.  
 R41- Risk of serious damage to eyes.  
 R36- Irritating to eyes.  
 R50- Very toxic to aquatic organisms.

**Full text of classifications [DSD/DPD]** : O - Oxidizing  
 Xn - Harmful  
 Xi - Irritant  
 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.