

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

#### 1.1. Product identifier

|                 |                            |
|-----------------|----------------------------|
| Product form    | : Mixture                  |
| Product name    | : 5Q/6R Lemon Cleaner      |
| Product code    | : X5Q/6R/C                 |
| Type of product | : Detergent, Floor cleaner |
| Product group   | : End product              |

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

##### 1.2.1. Relevant identified uses

|                                  |                              |
|----------------------------------|------------------------------|
| Main use category                | : Professional use           |
| Industrial/Professional use spec | : For professional use only  |
| Use of the substance/mixture     | : Detergent<br>Floor cleaner |

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Ionic Products Ltd  
Unit 26 Blaris Industrial Estate  
Altona Road  
BT27 5QB Lisburn  
UK  
T 02892673331  
[info@ionicproductsltd.com](mailto:info@ionicproductsltd.com) - [www.ionicproductsltd.com](http://www.ionicproductsltd.com)

#### 1.4. Emergency telephone number

|                  |   |
|------------------|---|
| Emergency number | : 0289267331 (9am-4pm). In the event of a medical enquiry involving this product, please contact your GP or local A&E dept. |
|------------------|---|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to GB CLP (SI 2019:720 as amended)

|   |      |
|---|------|
| Serious eye damage/eye irritation, Category 1                     | H318 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 3 | H412 |
| Full text of H- and EUH-statements: see section 16                |      |

##### Adverse physicochemical, human health and environmental effects

Causes serious eye damage. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GB CLP)



GHS05

|                            |  |
|----------------------------|--|
| Signal word (GB CLP)       | : Danger   |
| Contains                   | : Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. ; Alcohols, C10-16, Ethoxylated               |
| Hazard statements (GB CLP) | : H318 - Causes serious eye damage.<br>H412 - Harmful to aquatic life with long lasting effects. |

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|                                   |   |
|-----------------------------------|---|
| Precautionary statements (GB CLP) | : P273 - Avoid release to the environment.<br>P280 - Wear eye protection, protective gloves.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 - Immediately call a POISON CENTER or doctor. |
| EUH-statements (GB CLP)           | : EUH208 - Contains reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1). May produce an allergic reaction.  |

### 2.3. Other hazards

#### Results of PBT and vPvB assessment

| Component  |   |
|--|---|
| Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII  | Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7), Phosphoric Acid (7664-38-2), sodium hydroxide; caustic soda (1310-73-2), Alcohols, C10-16, Ethoxylated (68002-97-1), Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9), Diphenyl ether (101-84-8) |
| Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII | Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7), Phosphoric Acid (7664-38-2), sodium hydroxide; caustic soda (1310-73-2), Alcohols, C10-16, Ethoxylated (68002-97-1), Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9), Diphenyl ether (101-84-8) |

#### Results of Endocrine Disruptor assessment

| Component   |  |
|---|--|
| Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP | Alcohols, C10-16, Ethoxylated(68002-97-1), Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7), sodium hydroxide; caustic soda(1310-73-2), Phosphoric Acid(7664-38-2), Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)(55965-84-9), Diphenyl ether(101-84-8) |

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier  | %           | Classification according to GB CLP (SI 2019:720 as amended)   |
|---|---|-------------|---|
| Alcohols, C10-16, Ethoxylated   | CAS-No.: 68002-97-1<br>EC-No.: 500-182-6                              | ≥ 1 – < 10  | Acute Tox. 4 (Oral), H302 (ATE=1700 mg/kg bodyweight)<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412                      |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.                          | CAS-No.: 85536-14-7<br>EC-No.: 287-494-3                              | ≥ 1 – < 10  | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 |
| sodium hydroxide; caustic soda substance with workplace exposure limit(s) | CAS-No.: 1310-73-2<br>EC-No.: 215-185-5<br>UK Index-No.: 011-002-00-6 | ≥ 0.1 – < 1 | Skin Corr. 1, H314<br>Eye Dam. 1, H318  |
| Phosphoric Acid substance with workplace exposure limit(s)                | CAS-No.: 7664-38-2<br>EC-No.: 231-633-2<br>UK Index-No.: 015-011-00-6 | ≥ 0.1 – < 1 | Skin Corr. 1B, H314<br>Aquatic Chronic 3, H412  |

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| Name  | Product identifier   | %     | Classification according to GB CLP (SI 2019:720 as amended)   |
|---|--|-------|---|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | CAS-No.: 55965-84-9<br>EC-No.: 911-418-6<br>UK Index-No.: 613-167-00-5 | < 0.1 | Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 2 (Dermal), H310 (ATE=50 mg/kg bodyweight)<br>Acute Tox. 2 (Inhalation), H330 (ATE=0.05 mg/l/4h)<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100) |
| Diphenyl ether substance with workplace exposure limit(s)                               | CAS-No.: 101-84-8<br>EC-No.: 202-981-2                                 | < 0.1 | Eye Irrit. 2, H319<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412  |

### Specific concentration limits:

| Name  | Product identifier   | Specific concentration limits (%)  |
|---|--|--|
| sodium hydroxide; caustic soda  | CAS-No.: 1310-73-2<br>EC-No.: 215-185-5<br>UK Index-No.: 011-002-00-6  | (0.5 ≤ C < 2) Skin Irrit. 2; H315<br>(0.5 ≤ C < 2) Eye Irrit. 2; H319<br>(2 ≤ C < 5) Skin Corr. 1B; H314<br>(5 ≤ C ≤ 100) Skin Corr. 1A; H314  |
| Phosphoric Acid   | CAS-No.: 7664-38-2<br>EC-No.: 231-633-2<br>UK Index-No.: 015-011-00-6  | (10 ≤ C < 25) Skin Irrit. 2; H315<br>(10 ≤ C < 25) Eye Irrit. 2; H319<br>(25 ≤ C ≤ 100) Skin Corr. 1B; H314  |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | CAS-No.: 55965-84-9<br>EC-No.: 911-418-6<br>UK Index-No.: 613-167-00-5 | (0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317<br>(0.06 ≤ C < 0.6) Skin Irrit. 2; H315<br>(0.06 ≤ C < 0.6) Eye Irrit. 2; H319<br>(0.6 ≤ C ≤ 100) Skin Corr. 1C; H314<br>(0.6 ≤ C ≤ 100) Eye Dam. 1; H318 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If you feel unwell, seek medical advice.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Wash skin with plenty of water.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |
| Self protection of the first-aider    | : First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).                   |

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

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.       |
| Symptoms/effects after ingestion    | : None under normal conditions. |

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

- Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.  
Absorb spillage to prevent material damage.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Keep cool. Protect from sunlight.

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Packaging materials : Always store product in container of same material as original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Phosphoric Acid (7664-38-2)                   |                                       |
|---|---------------------------------------|
| United Kingdom - Occupational Exposure Limits |                                       |
| Local name                                    | Orthophosphoric acid                  |
| WEL TWA (OEL TWA)                             | 1 mg/m <sup>3</sup>                   |
| WEL STEL (OEL STEL)                           | 2 mg/m <sup>3</sup>                   |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE |
| sodium hydroxide; caustic soda (1310-73-2)    |                                       |
| United Kingdom - Occupational Exposure Limits |                                       |
| Local name                                    | Sodium hydroxide                      |
| WEL STEL (OEL STEL)                           | 2 mg/m <sup>3</sup>                   |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE |
| Diphenyl ether (101-84-8)                     |                                       |
| United Kingdom - Occupational Exposure Limits |                                       |
| Local name                                    | Diphenyl ether                        |
| WEL TWA (OEL TWA)                             | 7 mg/m <sup>3</sup>                   |
|   | 1 ppm                                 |
| WEL STEL (OEL STEL)                           | 14 mg/m <sup>3</sup>                  |
|   | 2 ppm                                 |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**

Wear recommended personal protective equipment.

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### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses (EN 166)

#### 8.2.2.2. Skin protection

##### Hand protection:

In case of repeated or prolonged contact wear gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |                        |
|---|------------------------|
| Physical state                                  | : Liquid               |
| Appearance                                      | : Viscous liquid.      |
| Colour  | : Yellow.              |
| Odour   | : lemon-like.          |
| Odour threshold                                 | : Not available        |
| pH  | : 6 – 8                |
| Melting point                                   | : Not applicable       |
| Freezing point                                  | : Not available        |
| Boiling point                                   | : Not available        |
| Flash point                                     | : Not available        |
| Flammability                                    | : Not available        |
| Explosive limits                                | : Not available        |
| Vapour pressure                                 | : Not available        |
| Vapour pressure at 50°C                         | : Not available        |
| Relative vapour density at 20°C                 | : Not available        |
| Relative density                                | : 1                    |
| Density   | : Not available        |
| Solubility                                      | : Miscible with water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available        |
| Auto-ignition temperature                       | : Not available        |
| Decomposition temperature                       | : Not available        |
| Viscosity, kinematic                            | : Not available        |
| Viscosity, dynamic                              | : 300 – 500 cP         |
| Explosive properties                            | : Not available        |

### 9.2. Other information

|                          |                  |
|--------------------------|------------------|
| Particle characteristics | : Not applicable |
|--------------------------|------------------|

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

#### 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 toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

#### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

|                 |   |
|-----------------|---|
| LD50 oral rat   | ≈ 1470 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1361 - 1588 |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                    |

#### sodium hydroxide; caustic soda (1310-73-2)

|                    |           |
|--------------------|-----------|
| LD50 dermal rabbit | 325 mg/kg |
|--------------------|-----------|

#### Alcohols, C10-16, Ethoxylated (68002-97-1)

|                 |              |
|-----------------|--------------|
| LD50 oral rat   | 1700 mg/kg   |
| LD50 dermal rat | > 2000 mg/kg |

#### Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

|                 |   |
|-----------------|---|
| LD50 dermal rat | > 1008 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
|-----------------|---|

#### Diphenyl ether (101-84-8)

|               |                         |
|---------------|-------------------------|
| LD50 oral rat | 2830 mg/kg Source: ECHA |
|---------------|-------------------------|

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met).  
pH: 6 – 8

#### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

|    |     |
|----|-----|
| pH | 1.5 |
|----|-----|

#### sodium hydroxide; caustic soda (1310-73-2)

|    |    |
|----|----|
| pH | 14 |
|----|----|

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### Alcohols, C10-16, Ethoxylated (68002-97-1)

|    |     |
|----|-----|
| pH | 5.7 |
|----|-----|

### Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

|    |   |
|----|---|
| pH | 3.43 Temp.: 20 °C Concentration: 10 g/L |
|----|---|

Serious eye damage/irritation : Causes serious eye damage.  
pH: 6 – 8

### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

|    |     |
|----|-----|
| pH | 1.5 |
|----|-----|

### sodium hydroxide; caustic soda (1310-73-2)

|    |    |
|----|----|
| pH | 14 |
|----|----|

### Alcohols, C10-16, Ethoxylated (68002-97-1)

|    |     |
|----|-----|
| pH | 5.7 |
|----|-----|

### Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

|    |   |
|----|---|
| pH | 3.43 Temp.: 20 °C Concentration: 10 g/L |
|----|---|

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)  
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

|                            |                                  |
|----------------------------|----------------------------------|
| LOAEL (oral, rat, 90 days) | 300 mg/kg bodyweight Animal: rat |
|----------------------------|----------------------------------|

|  |  |
|--|--|
| NOAEL (subchronic, oral, animal/female, 90 days) | 50 mg/kg bodyweight Animal: , Animal sex: female |
|--|--|

### Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

|                                     |  |
|-------------------------------------|--|
| LOAEL (dermal, rat/rabbit, 90 days) | 0.525 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days) |
|-------------------------------------|--|

### Diphenyl ether (101-84-8)

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | 1000 mg/kg bodyweight Animal: rat |
|-------------------------------------|-----------------------------------|

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)  
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 2.88 mg/l Test organisms (species): Pimephales promelas |
|-----------------|---|

|                 |   |
|-----------------|---|
| LC50 - Fish [2] | 1.67 mg/l Test organisms (species): Lepomis macrochirus |
|-----------------|---|

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| <b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)</b> |   |
|--|---|
| EC50 - Crustacea [1]   | 2.9 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]   | 7.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)       |
| NOEC (chronic)   | 1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish  | 0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d' |

| <b>Phosphoric Acid (7664-38-2)</b> |   |
|------------------------------------|---|
| LC50 - Fish [1]                    | 75.1 mg/l   |
| EC50 - Crustacea [1]               | > 100 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]               | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

| <b>sodium hydroxide; caustic soda (1310-73-2)</b> |  |
|---|--|
| LC50 - Fish [1]                                   | 125 mg/l   |
| EC50 - Crustacea [1]                              | 40.4 mg/l Test organisms (species): Ceriodaphnia sp. |

| <b>Alcohols, C10-16, Ethoxylated (68002-97-1)</b> |             |
|---|-------------|
| LC50 - Fish [1]                                   | 63.704 mg/l |

| <b>Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b> |  |
|---|--|
| LC50 - Fish [1]   | 0.19 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                   |
| LC50 - Fish [2]   | 0.28 mg/l Test organisms (species): Lepomis macrochirus  |
| EC50 - Crustacea [1]  | 0.16 mg/l Test organisms (species): Daphnia magna  |
| NOEC (chronic)  | 0.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish   | 0.098 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d' |

| <b>Diphenyl ether (101-84-8)</b> |   |
|----------------------------------|---|
| LC50 - Fish [1]                  | 4.2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1]             | 1.96 mg/l Test organisms (species): Daphnia magna                                       |
| ErC50 algae                      | 0.455 mg/l Source: ECHA   |

### 12.2. Persistence and degradability

| <b>5Q/6R Lemon Cleaner</b>   |                        |
|--|------------------------|
| Persistence and degradability  | Not rapidly degradable |
| <b>Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)</b> |                        |
| Persistence and degradability  | Not rapidly degradable |
| <b>Phosphoric Acid (7664-38-2)</b>                                   |                        |
| Persistence and degradability  | Not rapidly degradable |
| <b>sodium hydroxide; caustic soda (1310-73-2)</b>                    |                        |
| Persistence and degradability  | Rapidly degradable     |

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| Alcohols, C10-16, Ethoxylated (68002-97-1)   |                        |
|--|------------------------|
| Persistence and degradability  | Not rapidly degradable |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) |                        |
| Persistence and degradability  | Not rapidly degradable |
| Diphenyl ether (101-84-8)  |                        |
| Persistence and degradability  | Not rapidly degradable |

### 12.3. Bioaccumulative potential

| Alcohols, C10-16, Ethoxylated (68002-97-1)      |                   |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Kow) | 3.55 – 6.79       |
| Diphenyl ether (101-84-8)                       |                   |
| Partition coefficient n-octanol/water (Log Pow) | 4.21 Source: ECHA |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| Component  |   |
|--|---|
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)  | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII<br>This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| Phosphoric Acid (7664-38-2)  | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII<br>This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| sodium hydroxide; caustic soda (1310-73-2)   | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII<br>This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| Alcohols, C10-16, Ethoxylated (68002-97-1)   | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII<br>This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII<br>This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |
| Diphenyl ether (101-84-8)  | This substance does not meet the PBT criteria of UK REACH regulation, annex XIII<br>This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII |

### 12.6. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.  |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                   |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.  |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.  |
| Additional information                     | : Do not re-use empty containers.   |
| HP Code                                    | : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. |

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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>Transport document description</b>   |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. National regulations

##### UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

##### UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

##### UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC).

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### Detergent Regulation (EC 648/2004)

Contains 5-15%: Non-ionic surfactants, Less than 5%: Anionic surfactants. Contains Perfume, Preservatives, Terpinolene, Terpeneol.

### GB PIC Regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

### POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

### Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

### Control of Poisons and Explosives Precursors Act

This product contains substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure: Sodium hydroxide - 1310-73-2 (12 % of total caustic alkalinity)

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains substance(s) listed on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure: Phosphoric acid - 7664-38-2 (30 % w/w)

### Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

### 15.1.2. Other Information

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|         |   |
|---------|---|
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate   |
| BCF     | Bioconcentration factor   |
| BLV     | Biological limit value  |
| BOD     | Biochemical oxygen demand (BOD)   |
| BS EN   | British Standard  |
| CAS-No. | Chemical Abstracts Service number   |
| COD     | Chemical oxygen demand (COD)  |
| DMEL    | Derived Minimal Effect level  |
| DNEL    | Derived-No Effect Level   |
| EC-No.  | European Community number   |
| EC50    | Median effective concentration  |
| ED      | Endocrine disruptor   |
| IARC    | International Agency for Research on Cancer   |
| IATA    | International Air Transport Association   |
| IMDG    | International Maritime Dangerous Goods  |
| LC50    | Median lethal concentration   |

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| Abbreviations and acronyms: |  |
|-----------------------------|--|
| LD50                        | Median lethal dose   |
| LOAEL                       | Lowest Observed Adverse Effect Level   |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level   |
| NOEC                        | No-Observed Effect Concentration   |
| N.O.S.                      | Not Otherwise Specified  |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit  |
| PBT                         | Persistent Bioaccumulative Toxic   |
| PNEC                        | Predicted No-Effect Concentration  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 2 (Dermal)               | Acute toxicity (dermal), Category 2                               |
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2                  |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3                                 |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1                             |
| Skin Corr. 1A                       | Skin corrosion/irritation, Category 1, Sub-Category 1A            |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B            |
| Skin Corr. 1C                       | Skin corrosion/irritation, Category 1, Sub-Category 1C            |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                    |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                                   |
| H301                                | Toxic if swallowed.   |
| H302                                | Harmful if swallowed.   |
| H310                                | Fatal in contact with skin.                                       |

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| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| H314                                | Causes severe skin burns and eye damage.   |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.   |
| H318                                | Causes serious eye damage.   |
| H319                                | Causes serious eye irritation.   |
| H330                                | Fatal if inhaled.  |
| 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.   |
| EUH071                              | Corrosive to the respiratory tract.  |
| EUH208                              | Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9). May produce an allergic reaction. |

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.