



## SAFETY DATA SHEET LIFT DESCALER & SANITIZER

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

#### 1.1. Product identifier

|                         |                           |
|-------------------------|---------------------------|
| Product name            | LIFT DESCALER & SANITIZER |
| Internal identification | 053882X5, 053888          |
| Container size          | 2x5L, 6x750ml             |
| UFI                     | UFI: UUF1-M08G-E006-9TKS  |

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

|                 |  |
|-----------------|--|
| Identified uses | Foam cleaner & descaler for taps, baths, showers, ceramics, plastics and porcelain surfaces. |
|-----------------|--|

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

|          |   |
|----------|---|
| Supplier | Cleenol Group Ltd<br>Neville House<br>Beaumont Road<br>Banbury<br>Oxon OX16 1RB<br>UK<br>Tel: +44 (0)1295 251721<br>sales@cleenol.co.uk |
|----------|---|

#### 1.4. Emergency telephone number

|                     |   |
|---------------------|---|
| Emergency telephone | In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only). |
|---------------------|---|

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

|                       |  |
|-----------------------|--|
| Physical hazards      | Not Classified                         |
| Health hazards        | Skin Irrit. 2 - H315 Eye Dam. 1 - H318 |
| Environmental hazards | Aquatic Chronic 3 - H412               |

#### 2.2. Label elements

##### Hazard pictograms



|                   |  |
|-------------------|--|
| Signal word       | Danger   |
| Hazard statements | H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H412 Harmful to aquatic life with long lasting effects. |

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|                                 |  |
|---------------------------------|--|
| <b>Precautionary statements</b> | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |
|---------------------------------|--|

|                 |   |
|-----------------|---|
| <b>Contains</b> | ALCOHOLS, C12-C14, ETHOXYLATED, QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12 - C16) ALKYL DIMETHYL, CHLORIDES |
|-----------------|---|

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

|   |  |                        |  |
|---|--|------------------------|--|
| ALCOHOLS, C12-C14, ETHOXYLATED  |  |                        | 1-5%   |
| CAS number: 68439-50-9  |  | EC number: 500-213-3   |  |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318<br>Aquatic Chronic 3 - H412   |  |                        |  |
| QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12 - C16) ALKYL DIMETHYL, CHLORIDES   |  |                        | 1-5%   |
| CAS number: 68424-85-1  |  | EC number: 270-325-2   |  |
| M factor (Acute) = 10   |  | M factor (Chronic) = 1 |  |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1A - H314<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |  |                        |  |
| HYDROCHLORIC ACID ...%  |  |                        | <1%  |
| CAS number: 7647-01-0   |  | EC number: 231-595-7   | REACH registration number: 01-2119484862-27-XXXX |
| <b>Classification</b><br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335  |  |                        |  |

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|  |                      |  |               |
|--|----------------------|--|---------------|
| <b>ORTHOPHOSPHORIC ACID ... %</b>                                  |                      |  | <b>&lt;1%</b> |
| CAS number: 7664-38-2  | EC number: 231-633-2 | REACH registration number: 01-2119485924-24-XXXX |               |
| <b>Classification</b><br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318 |                      |  |               |

|   |                      |  |               |
|---|----------------------|--|---------------|
| <b>FORMALDEHYDE ... %</b>   |                      |  | <b>&lt;1%</b> |
| CAS number: 50-00-0   | EC number: 200-001-8 |  |               |
| <b>Classification</b><br>Acute Tox. 3 - H301<br>Acute Tox. 3 - H311<br>Acute Tox. 3 - H331<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Skin Sens. 1 - H317<br>Muta. 2 - H341<br>Carc. 1B - H350<br>STOT SE 3 - H335 |                      |  |               |

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Unlikely route of exposure as the product does not contain volatile substances.   |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Give plenty of water to drink. Give milk instead of water if readily available. Get medical attention if a large quantity has been ingested. |
| <b>Skin contact</b> | Remove contaminated clothing and rinse skin thoroughly with water.  |
| <b>Eye contact</b>  | Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if any discomfort continues.   |

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | The product is considered to be a low hazard under normal conditions of use. |
| <b>Ingestion</b>    | No adverse effects known. May be harmful if swallowed.                       |
| <b>Skin contact</b> | May cause skin irritation.   |
| <b>Eye contact</b>  | May cause serious eye damage.  |

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

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
| <b>Specific treatments</b>  | Treat symptomatically.       |

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |   |
|-------------------------------------|---|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|---|

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

Specific hazards                      Irritating gases or vapours.

### 5.3. Advice for firefighters

Protective actions during firefighting                      Avoid breathing fire gases or vapours. Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters                      Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

Personal precautions                      Avoid contact with skin, eyes and clothing. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

### 6.2. Environmental precautions

Environmental precautions                      Avoid discharge to the aquatic environment.

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

Methods for cleaning up                      Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

Reference to other sections                      For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions                      For professional users only. Avoid contact with skin, eyes and clothing.

Advice on general occupational hygiene                      Wash hands thoroughly after handling.

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

Storage precautions                      Keep only in the original container. Keep container tightly sealed when not in use. Store at temperatures between 0°C and 40°C.

Storage class                      Chemical storage. Corrosive storage.

### 7.3. Specific end use(s)

Specific end use(s)                      The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### HYDROCHLORIC ACID ...%

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2 mg/m<sup>3</sup> gas and aerosol mists

Short-term exposure limit (15-minute): WEL 5 ppm 8 mg/m<sup>3</sup> gas and aerosol mists

#### ORTHOPHOSPHORIC ACID ... %

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

#### FORMALDEHYDE ... %

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Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

No specific ventilation requirements.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

#### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Rubber (natural, latex). Nitrile rubber. Wear protective gauntlets made of the following material: Polyvinyl chloride (PVC).

#### Hygiene measures

Wash promptly if skin becomes contaminated.

#### Respiratory protection

No specific requirements are anticipated under normal conditions of use.

## SECTION 9: Physical and chemical properties

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

|                                 |   |
|---------------------------------|---|
| Appearance                      | Clear liquid.   |
| Colour                          | Colourless to pale yellow.                                  |
| Odour                           | Lime.   |
| pH                              | pH (concentrated solution): 0.5 - 1.5                       |
| Initial boiling point and range | 100°C   |
| Flash point                     | Not applicable.   |
| Relative density                | ~ 1.015 @ 20°C  |
| Solubility(ies)                 | Soluble in water.   |
| Auto-ignition temperature       | Not applicable.   |
| Decomposition Temperature       | Not determined.   |
| Viscosity                       | Non-viscous.  |
| Explosive properties            | Not applicable.   |
| Oxidising properties            | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                           |  |
|---------------------------|--|
| Refractive index          | 9 - 11   |
| Volatile organic compound | This product contains a maximum VOC content of <0.1 %. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |   |
|------------|---|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---|

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### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

**Conditions to avoid** No specific requirements are anticipated under normal conditions of use.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 9,090.91

#### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

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### Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Medical considerations Pre-existing eye problems. Skin disorders and allergies.

### SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

Persistence and degradability Moderately biodegradable.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

Mobility The product contains substances which are water-soluble and may spread in water systems.

#### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

Other adverse effects None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods Discharge of small quantities to the sewer with plenty of water may be permitted.

### SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

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### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## SECTION 15: Regulatory information

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

#### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### Guidance

EH40/2005 Workplace exposure limits

Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)

Health and Safety Executive

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

Issued by Regulatory Chemist

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### Hazard statements in full

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H341 Suspected of causing genetic defects.  
H350 May cause cancer.  
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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.