

## SAFETY DATA SHEET according to regulation (EC) No.1907/2006

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

#### 1.1. Product Identifier

Product code: QL684/15  
 Name: Clean & Protect (15% dilution)

#### 1.2. Product Uses

#### 1.3. Supplier

Urban Hygiene Ltd  
 Sky Business Park  
 Robin Hood Airport  
 Doncaster  
 DN9 3GN, UK  
  
 Phone: 01302 623193  
 Fax: 01302 623167  
 Web: [www.urbanhygiene.com](http://www.urbanhygiene.com)  
 Email: [enquiries@urbanhygiene.com](mailto:enquiries@urbanhygiene.com)

#### 1.4. Emergency telephone number

Emergency Telephone Number: 07984 909160

### SECTION 2: Hazards identification (Undiluted product)

#### 2.1. Classification of the mixture

##### According to 1272/2008

Health Hazards: Eye Irrit. 2  
 Physical Hazards: Not Classified  
 Environmental Hazards: Aquatic Chronic 3

#### 2.2. Label elements

##### According to 1272/2008

Warning



H319 Causes serious eye irritation  
 H412 Harmful to aquatic life with long lasting effects  
 P264 Wash hands thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P405 Store locked up.

#### 2.3. Other hazards



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

<b>Material</b>	<b>CAS number</b>	<b>Level</b>	<b>Hazards (see section 16)</b>	
Poly hexamethyl biguanide hydrochloride	32289-58-0	0-1%	Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1, Carc. 2, Eye Dam. 1, Skin Corr. 1B, Skin Sens. 1, STOT RE 1	H351 H302 H372 H318 H317 H400 H410
Benzalkonium Chloride	68424-85-1	0-1%	Acute Tox. 4, Aquatic Acute 1, Skin Corr. 1B	H302 H312 H314 H400

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance if irritation persists.

Skin contact: Remove contaminated clothing, wash skin with water and seek medical attention if irritation persists.

Inhalation: If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.

Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

Eye hazard: Will cause severe irritation.

Skin hazard: Will cause irritation.

Respiratory hazard: Not a hazard in normal use. Breathing spray mist may cause irritation.

Other hazards:

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

No special treatment or attention required additional to section 4.2.

## **SECTION 5: Fire fighting measures**

Flammability hazard: Not combustible.

### **5.1. Extinguishing media**

No special requirements. As appropriate for the fire.

### **5.2. Special hazards arising from the mixture**

No specific hazards arising from the mixture. May produce toxic fumes under extreme heating in fire.

### **5.3. Advice for firefighters**

No special measures arising from the mixture.

## **SECTION 6: Accidental release measures**

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

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Spillage may make floors slippery. Keep the area clear. Observe regulations.

### **6.2. Environmental precautions**

Prevent spills from entering water courses.

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

Large quantities, contain and absorb or pump into suitable containers for disposal.

Small quantities, flush to foul sewer with a large quantity of water.

### **6.4. Reference to other sections**

Observe the advice given in sections 8 and 13



## **SECTION 7: Handling and storage**

Shelf life: 24 months in original sealed containers.

### **7.1. Precautions for safe handling**

Do not mix with other products. Observe good industrial hygiene.

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

Store in a cool, dry place protected from frost and away from acids and strong oxidising agents. Store upright in original containers. Recommended storage temperature 5-25°C.

### **7.3. Product Uses**

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Workplace exposure limits

None set in UKEH40

### **8.2. Exposure controls**

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection: Wear eye protection appropriate to the process according to BS EN 166.

Hand protection: Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments.

Body protection: As necessary to prevent contact.

Respiratory protection: Avoid breathing spray mist, wear a protective mask to EN149 if necessary.

Other protection:

Personal protective equipment:



Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

## **SECTION 9: Physical and chemical properties**

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

Appearance: Clear colourless liquid

Odour: Characteristic

pH (typical): 7.0

Initial boiling point: Not determined

Auto-ignition temp: Not applicable.

Explosive properties: None known.

Oxidising properties: None known.

Vapour pressure: 17.5mm Hg at 20°C.

Solubility: Miscible with water.

Relative density at 20°C (typical): 1.005 (typical)

Flash point: Not applicable.

Viscosity: Free flowing.

### **9.2. Other information**

## **SECTION 10: Stability and reactivity**

- |   |  |
|---|--|
| <b>10.1. Reactivity</b>                         | Incompatible with strong oxidising agents and acids. |
| <b>10.2. Chemical stability</b>                 | Stable under recommended storage conditions.         |
| <b>10.3. Possibility of hazardous reactions</b> | No hazardous reactions are expected to occur.        |
| <b>10.4. Conditions to avoid</b>                | Extremes of temperature.                             |
| <b>10.5. Incompatible materials</b>             | Incompatible with strong oxidising agents and acids. |
| <b>10.6. Hazardous decomposition products</b>   | None known.  |

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

- |                                    |   |
|------------------------------------|---|
| Acute toxicity:                    | Contains an ingredient classified as Acute Tox 4. Section 3. Mixture is not classified as Acute Tox. 4    |
| Skin corrosion/ irritation:        | Contains an ingredient classified as Skin Corr 1B. Section 3. Mixture is not classified as Skin Corr. 1B  |
| Serious eye damage/ irritation:    | Mixture is classified as Eye Irrit 2. See section 2.  |
| Respiratory or skin sensitisation: | Contains an ingredient classified as Skin Sens. 1B. Section 3. Mixture is not classified as Skin Sens. 1B |
| Germ cell mutagenicity:            | Does not contain any ingredients classified as mutagenic.   |
| Carcinogenicity:                   | Contains an ingredient classified as Carc. 2. Section 3. Mixture is not classified as Carc. 2             |
| Reproductive toxicity:             | Does not contain any ingredients classified as toxic for reproduction.                                    |
| STOT single exposure:              | Does not contain any ingredients classified as STOT SE.   |
| STOT repeated exposure:            | Contains an ingredient classified as STOT RE 1. Section 3. Mixture is not classified as STOT RE 1.        |
| Aspiration toxicity:               | Does not contain any ingredients classified as Asp Tox.   |

### **Routes of exposure/ symptoms**

- |               |  |
|---------------|--|
| Eye contact:  | Will cause severe irritation.  |
| Skin contact: | Will cause irritation.   |
| Inhalation:   | Breathing spray mist may cause irritation.                           |
| Ingestion:    | Moderate toxicity, will cause irritation to gastro-intestinal tract. |

## **SECTION 12: Ecological information**

- |   |  |
|---|--|
| <b>12.1. Toxicity</b>                           | This product has microbiocidal properties. Large quantities may affect biological treatment plants.                                  |
| <b>12.2. Persistence and degradability</b>      | All organic ingredients are biodegradable when well diluted. Surfactants used comply with biodegradation criteria, see section 15.1. |
| <b>12.3. Bioaccumulative potential</b>          | Not expected to bioaccumulate  |
| <b>12.4. Mobility in soil</b>                   | This product has high water solubility   |
| <b>12.5. Results of PBT and vPvB assessment</b> | Contains no ingredients classified as PBT or vPvB.   |
| <b>12.6. Other adverse effects</b>              | No other adverse effects are anticipated.  |

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

- Large quantities, dispose via a licensed chemical waste contractor.
- Process effluent can normally be discharged to foul sewer (subject to consent limits).
- Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.

## **SECTION 14: Transport information**

- |  |   |                                      |     |
|--|---|--------------------------------------|-----|
| <b>14.1. UN number</b>   | not classified  | <b>14.2. UN proper shipping name</b> | n/a |
| <b>14.3. Transport hazard class(es)</b>  | n/a   | <b>14.4. Packing group</b>           | na  |
| <b>14.5. Environmental hazards</b>   | Not classified as environmentally hazardous for transport |                                      |     |
| <b>14.6. Special precautions for user</b>  | No specific precautions.                                  |                                      |     |
| <b>14.7. Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code</b> | Not available for bulk transport.                         |                                      |     |



## **SECTION 15: Regulatory information**

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

Contents according to (EC) regulation No.648/2004 on detergents:

Nonionic surfactants	<5%
Amphoteric surfactants	<5%
Cationic surfactants	<5%

The surfactant(s) contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents.

Data to support this held at the disposal of the competent authorities of the member states and will be made available to them at their direct request.

**15.2. Chemical safety assessment** A chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

Hazard statements relating to ingredients (see section 3)

H351 Suspected of causing cancer

H302 Harmful if swallowed

H312 Harmful in contact with skin

H372 Causes damage to organs through prolonged or repeated exposure

H318 Causes serious eye damage

H317 May cause an allergic skin reaction

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H314 Causes severe skin burns and eye damage

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This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.