

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name BlueOcean Powerful Lemon Disinfectant  
Product No. B1503

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

Identified uses Surface disinfectant

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

BlueOcean  
Kimberley Business Park  
Blackness Lane  
Keston  
Kent  
BR2 6HL  
Tel: 0845 383 0070  
Fax: 0845 383 0080  
Email: enquiries@blueocean-global.com

**1.4. Emergency telephone number**

Tel: 0845 383 0070

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification (67/548/EEC)

**2.2. Label elements**

Risk Phrases NC Not classified.  
Safety Phrases S2 Keep out of the reach of children.

**2.3. Other hazards**

No other hazards known., This product does not contain any PBT or vPvB substances.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

Not Applicable

**3.2. Mixtures**

Alkyl dimethyl benzyl ammonium chloride	0.5-1%
CAS-No.: 63449-41-2	EEC (EINECS) No. 273-544-1
Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute toxicity, category 4 - Dermal - H312	Xn;R21/22
Acute toxicity, category 4 - Oral - H302	C;R34
Skin corrosion, categories 1A, 1B, 1C - H314	N;R50
Hazardous to the aquatic environment, acute, category 1 - H400	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

General information

Inhalation General first aid, rest, warmth and fresh air.  
Ingestion DO NOT INDUCE VOMITTING!, Rinse mouth thoroughly., Drink plenty of water., Get medical attention., NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!  
Skin contact Rinse with water., Get medical attention if any discomfort continues.  
Eye contact Promptly wash eyes with plenty of water while lifting the eye lids., Get medical attention if any discomfort continues.

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

Ingestion	Liquid irritates mucous membranes and may cause abdominal pain if swallowed., Diarrhoea., Nausea, vomiting.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Irritation is likely.

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

Treat Symptomatically.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Extinguishing media This product is not flammable., Use fire-extinguishing media appropriate for surrounding materials.

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

Unsuitable extinguishing media

**5.3. Advice for firefighters**

Special Fire Fighting Procedures Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8.

**6.2. Environmental precautions**

Any spillage needs to be contained and not allowed to enter water courses

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

Stop leak if possible without risk., Absorb in vermiculite, dry sand or earth and place into containers., Flush with plenty of water to clean spillage area., Do not contaminate water sources or sewer.

**6.4. 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**

Eye protection should be considered where there is a risk of splashing. Rubber gloves and barrier cream are recommended when using any chemical.

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

Store in tightly closed original container in a dry, cool and well-ventilated place., Keep in original container.

**7.3. Specific end use(s)**

See product label for detailed usage and instructions.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Not applicable

## 8.2. Exposure controls

Protective equipment



Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

Safety glasses are not normally required. However their use is recommended where there is a risk of spray mist or splashing when using or handling product.

Other Protection

General workwear only

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Clear, Liquid
Colour	Yellow.
Odour	Lemon.
Relative density	0.995 - 1.005 @ 20 °C
pH-Value, Conc. Solution	6.8

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable under normal temperature conditions.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

None known

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Strong acids., Strong alkalis.

### 10.6. Hazardous decomposition products

Not known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information	No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.
Ingestion	Liquid irritates mucous membranes and may cause abdominal pain if swallowed., Diarrhoea., Nausea, vomiting.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Irritation is likely.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Not classed as Hazardous to the Environment but release to the environment should be avoided.

**12.2. Persistence and degradability**

Degradability The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004.

**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**

This product does not contain any PBT or PvB substances

**12.6. Other adverse effects**

None known

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION**

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

**14.1. UN number****14.2. UN proper shipping name**

Proper Shipping Name: Not applicable

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

Transport Labels Not Applicable

**14.4. Packing group****14.5. Environmental hazards**

Environmentally Hazardous substance/Marine Pollutant No

**14.6. Special precautions for user**

Tunnel Restriction Code n/a

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not relevant

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

UK Regulatory References The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.  
Environmental Listing Rivers (Prevention of Pollution) Act 1961., Control of Pollution (Special Waste Regulations) Act 1980.  
Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).  
Approved Code Of Practice Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes	Workplace Exposure Limits EH40., Introduction to Local Exhaust Ventilation HS(G)37., CHIP for everyone HSG (108).
EU Legislation	System of specific information relating to Dangerous Preparations. 2001/58/EC., Dangerous Preparations Directive 1999/45/EC., 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments., 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
National Regulations	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

**15.2. Chemical Safety Assessment**

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture

**SECTION 16: OTHER INFORMATION**

General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

Revision Comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision Date 08/03/2013

Revision 5

Risk Phrases In Full R34 Causes burns., R50 Very toxic to aquatic organisms., R21/22 Harmful in contact with skin and if swallowed. |

Hazard Statements In Full  
 H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H400 Very toxic to aquatic life.