SAFETY DATA SHEET
Lifeguard Disinfectant Cleaner Concentrate

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

1.1. Product identifier

Product name Lifeguard Disinfectant Cleaner Concentrate

Product number LGCD5LTR

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

Identified uses PT2 Biocidal Product

1.3. Details of the supplier of the safety data sheet

Supplier

Deb Ltd
Denby Hall Way
Denby
Derbyshire
DE5 8JZ
Main Tel. 01773 855100
Technical Tel 01773 855105
reach@deb.co.uk

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)
National Poisons Information Centre (Eire) 01-8092566/8379964

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 Acute 1 - H400 Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Lifeguard Disinfectant Cleaner Concentrate

Precautionary statements	P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations.
Supplemental label information	BPR001 Use biocides safely. Always read the label and product information before use.
Contains	C12-15 ALCOHOLETHOXYLATE (7EO), ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE
Detergent labelling	< 5% disinfectants, < 5% non-ionic surfactants, Contains BENZYL SALICYLATE
Supplementary precautionary statements	P391 Collect spillage. P362+P364 Take off contaminated clothing and wash it before reuse. P313 Get medical advice/ attention. P401 Store in accordance with local regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

C12-15 ALCOHOLETHOXYLATE (7EO) **1-5%**

CAS number: 68131-39-5

Classification
Acute Tox. 4 - H302
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE **1-5%**

CAS number: 68424-85-1 EC number: 270-325-2 REACH registration number: 01-2119970550-39-XXXX

M factor (Acute) = 10 M factor (Chronic) = 1

Classification
Met. Corr. 1 - H290
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Not relevant. Unlikely route of exposure as the product does not contain volatile substances.

Lifeguard Disinfectant Cleaner Concentrate

Ingestion Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact Rinse with water. Get medical attention if irritation persists after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

Inhalation Irritation of nose, throat and airway.

Ingestion No specific symptoms known.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact Causes serious eye damage.

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known. Avoid the spillage or runoff entering drains, sewers or watercourses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes.

6.2. Environmental precautions

Environmental precautions Toxic to aquatic life with long lasting effects. Collect and place in suitable waste disposal containers and seal securely.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For personal protection, see Section 8. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 0°C and 30°C.

7.3. Specific end use(s)

Lifeguard Disinfectant Cleaner Concentrate

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments None.

ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE (CAS: 68424-85-1)

DNEL

Workers - Inhalation; Long term systemic effects: 3.96 mg/m³
Workers - Dermal; Long term systemic effects: 5.7 mg/kg/day
General population - Inhalation; Long term systemic effects: 1.64 mg/m³
General population - Dermal; Long term systemic effects: 3.4 mg/kg/day
General population - Oral; Long term systemic effects: 3.4 mg/kg/day

PNEC

- Fresh water; 0.0009 mg/l
- Marine water; 0.00096 mg/l
- Intermittent release; 0.00016 mg/l
- STP; 0.4 mg/l
- Sediment (Freshwater); 12.27 mg/kg
- Sediment (Marinewater); 13.09 mg/kg
- Soil; 7 mg/kg

ALANINE, N,N-BIS(CARBOXYMETHYL),-TRISODIUM SALT (CAS: 164462-16-2)

DNEL

Workers - Inhalation; Short term systemic effects, local effects: 40 mg/m³
Workers - Inhalation; Long term systemic effects: 40 mg/m³
Workers - Inhalation; Long term local effects: 4 mg/m³
Consumer - Inhalation; Short term local effects, systemic effects: 20 mg/m³
Consumer - Inhalation; Long term systemic effects: 20 mg/m³
Consumer - Inhalation; Long term local effects: 2 mg/m³
Consumer - Oral; Short term systemic effects: 85 mg/kg/day
Consumer - Oral; Long term systemic effects: 17 mg/kg/day

PNEC

- Fresh water; 2 mg/l
- Marine water; .2 mg/l
- Intermittent release; 1 mg/l
- Sediment (Freshwater); 24 mg/kg
- STP; 100 mg/l
- Soil; 2.5 mg/kg

8.2. Exposure controls

Appropriate engineering controls Not relevant.

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

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Hygiene measures When using do not eat, drink or smoke.

Respiratory protection No specific recommendations.

SECTION 9: Physical and Chemical Properties

Lifeguard Disinfectant Cleaner Concentrate

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue.
Odour	Perfume.
Odour threshold	Not determined.
pH	pH (diluted solution): 11.5-12.5 10%
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Scientifically unjustified.
Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Scientifically unjustified.
Vapour pressure	No information available.
Vapour density	Not determined.
Relative density	Not determined.
Partition coefficient	Not determined.
Auto-ignition temperature	Scientifically unjustified.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Scientifically unjustified.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

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

Lifeguard Disinfectant Cleaner Concentrate

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 6,451.61

Acute toxicity - dermal

Notes (dermal LD_{50}) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 41,600.0

Acute toxicity - inhalation

Notes (inhalation LC_{50}) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

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 vivo Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

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

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

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

Inhalation No specific health hazards known.

Ingestion May cause discomfort if swallowed.

Skin contact Irritating to skin.

Eye contact Causes serious eye damage.

SECTION 12: Ecological Information

12.1. Toxicity

Lifeguard Disinfectant Cleaner Concentrate

Toxicity Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product 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.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

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 When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (ADN) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE, ALCOHOLS C12-15 ETHOXYLATED)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE, ALCOHOLS C12-15 ETHOXYLATED)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE, ALCOHOLS C12-15 ETHOXYLATED)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE, ALCOHOLS C12-15 ETHOXYLATED)

14.3. Transport hazard class(es)

ADR/RID class 9

Lifeguard Disinfectant Cleaner Concentrate

ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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 (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). REGULATION (EU) No 528/2012 (as amended) concerning the making available on the market and use of biocidal products.

HSNO Approval No:

15.2. Chemical safety assessment

Lifeguard Disinfectant Cleaner Concentrate

No chemical safety assessment has been carried out.

SECTION 16: Other information

Key literature references and sources for data	Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.
Revision comments	Revision of information NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	09/10/2017
Revision	2
Supersedes date	25/04/2017
SDS number	21475
Hazard statements in full	H290 May be corrosive to metals. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Notes for Hazard Statements in Full	

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.