SAFETY DATA SHEET
5L CLEANLINE BACTERICIDAL DETERGENT

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

1.1. Product identifier
Product name 5L CLEANLINE BACTERICIDAL DETERGENT
Product number 800-196-4002
Container size 4 x 5 litres

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

1.3. Details of the supplier of the safety data sheet
Supplier PRIME SOURCE
P O BOX 15247
BIRMINGHAM
B22 3HN
tel: 08085 749312
info@prime-source.co.uk

Contact person For content of safety data sheet,, info@prime-source.co.uk or TEL: – 08085 749312

1.4. Emergency telephone number
Emergency telephone Prime Source: 01865 407333 - FOR MEDICAL EMERGENCY USE ONLY
National emergency telephone number 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

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 Not Classified

2.2. Label elements
Pictogram

Signal word Danger
Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.
5L CLEANLINE BACTERICIDAL DETERGENT

Precautionary statements
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+P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P280 Wear protective gloves.

Contains QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES, ALCOHOLS, C12-14, ETHOXYLATED, COCONUT DIETHANOLAMIDE

Detergent labelling < 5% disinfectants, < 5% non-ionic surfactants, < 5% perfumes, Contains d-LIMONENE

Supplementary precautionary statements
P264 Wash contaminated skin thoroughly after handling.

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

<table>
<thead>
<tr>
<th>QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68424-85-1</td>
<td>EC number: 270-325-2</td>
</tr>
<tr>
<td>M factor (Acute) = 1</td>
<td></td>
</tr>
</tbody>
</table>

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

Classification (67/548/EEC or 1999/45/EC)
C;R34 Xn;R21/22 N;R50

<table>
<thead>
<tr>
<th>ALCOHOLS, C12-14, ETHOXYLATED</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68439-50-9</td>
<td>EC number: 500-213-3</td>
</tr>
<tr>
<td>M factor (Acute) = 1</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)
Xi;R38,R41.

<table>
<thead>
<tr>
<th>COCONUT DIETHANOLAMIDE</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68603-42-9</td>
<td>EC number: 931-329-6</td>
</tr>
</tbody>
</table>

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)
X;R38,R41.

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

Provide eyewash station.

Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

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

General information

Provide eyewash station.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

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. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions

Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up
5L CLEANLINE BACTERICIDAL DETERGENT

Methods for cleaning up
Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections
Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

Advice on general occupational hygiene
Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)
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
No exposure limits known for ingredient(s).

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

DNEL
Workers - Inhalation; Long term systemic effects: 294 mg/m³
Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
General population - Inhalation; Long term systemic effects: 87 mg/m³
General population - Dermal; Long term systemic effects: 1250 mg/kg/day
General population - Oral; Long term systemic effects: 25 mg/kg/day

PNEC
- Fresh water; 0.0437 mg/l
- Intermittent release; 0.004 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 31 mg/kg
- Sediment (Marinewater); 31 mg/kg
- Soil; 1 mg/kg

COCONUT DIETHANOLAMIDE (CAS: 68603-42-9)

DNEL
Workers - Inhalation; Long term systemic effects: 73.4 mg/m³
Workers - Dermal; Long term systemic effects: 4.16 mg/kg/day
Workers - Dermal; Long term local effects: 0.0936 mg/cm²
General population - Inhalation; Long term systemic effects: 21.73 mg/m³
General population - Dermal; Long term systemic effects: 2.5 mg/kg/day
General population - Dermal; Long term local effects: 0.0562 mg/cm²
General population - Oral; Long term systemic effects: 6.25 mg/kg/day
5L CLEANLINE BACTERICIDAL DETERGENT

PNEC
- Fresh water; 0.007 mg/l
- marine water; 0.001 mg/l
- STP; 830 mg/l
- Sediment (Freshwater); 0.195 mg/kg
- Sediment (Marine water); 0.019 mg/kg
- Soil; 0.035

DIETHANOLAMINE (CAS: 111-42-2)

DNEL
Workers - Inhalation; Long term local effects: 1 mg/m³
Workers - Dermal; Long term systemic effects: 0.13 mg/cm²
General population - Inhalation; Long term local effects: 0.25 mg/m³
General population - Dermal; Long term systemic effects: 0.07 mg/kg/day
General population - Oral; Long term systemic effects: 0.06 mg/kg/day

PNEC
- Fresh water; 0.02 mg/l
- marine water; 0.002 mg/l
- STP; 100 mg/l
- Sediment (Freshwater); 0.092 mg/kg
- Sediment (Marine water); 0.009 mg/kg
- Soil; 0.007 mg/kg

8.2. Exposure controls

Protective equipment
Appropriate engineering controls
Provide adequate ventilation.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection
Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.

Hygiene measures
When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection
Respiratory protection not required.

Environmental exposure controls
Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
5L CLEANLINE BACTERICIDAL DETERGENT

**Appearance**  Liquid.
**Colour**  Blue.
**Odour**  Mild.
**pH**  pH (concentrated solution): 7.5 typically
**Relative density**  1.010 typically @ 20°C
**Solubility(ies)**  Soluble in water.
**Explosive under the influence of a flame**  Not considered to be explosive.

**Comments**  Information given is applicable to the product as supplied.

**9.2. Other information**  Not relevant.

**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 applicable.

**10.4. Conditions to avoid**

Conditions to avoid  Avoid exposure to high temperatures or direct sunlight.

**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  No known hazardous decomposition products.

**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**

Notes (oral LD₅₀)  Based on available data the classification criteria are not met.
ATE oral (mg/kg)  9,937.5

**Acute toxicity - dermal**

Notes (dermal LD₅₀)  Based on available data the classification criteria are not met.
ATE dermal (mg/kg)  39,000.0

**Acute toxicity - inhalation**

Notes (inhalation LC₅₀)  Based on available data the classification criteria are not met.
5L CLEANLINE BACTERICIDAL DETERGENT

Skin corrosion/irritation
Causes skin irritation. Calculation method.

Serious eye damage/irritation
Causes serious eye damage. Calculation method.

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

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

Germ cell mutagenicity
Based on available data the classification criteria are not met.

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

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

Specific target organ toxicity - single exposure
Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

General information
This product has low toxicity.

Ingestion
May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact
Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

Eye contact
Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

Toxicological information on ingredients.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 397.5
Species Rat
ATE oral (mg/kg) 397.5

Acute toxicity - dermal
ATE dermal (mg/kg) 1,560.0

ALCOHOLS, C12-14, ETHOXYLATED

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg) 2,000.1
## 5L CLEANLINE BACTERICIDAL DETERGENT

<table>
<thead>
<tr>
<th>Species</th>
<th>Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notes (oral LD₅₀)</td>
<td>Based on available data the classification criteria are not met. REACH dossier information.</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>2,000.1</td>
</tr>
<tr>
<td>Acute toxicity - dermal</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>2,000.1</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>Notes (dermal LD₅₀)</td>
<td>Based on available data the classification criteria are not met. REACH dossier information.</td>
</tr>
<tr>
<td>ATE dermal (mg/kg)</td>
<td>2,000.1</td>
</tr>
<tr>
<td>Acute toxicity - inhalation</td>
<td></td>
</tr>
<tr>
<td>Notes (inhalation LC₅₀)</td>
<td>Based on available data the classification criteria are not met. REACH dossier information.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Based on available data the classification criteria are not met. REACH dossier information.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Respiratory sensitisation</td>
<td>No information available.</td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td>Based on available data the classification criteria are not met. REACH dossier information.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>This substance has no evidence of mutagenic properties.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Based on available data the classification criteria are not met. REACH dossier information.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>Not classified as a specific target organ toxicant after a single exposure.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>Not classified as a specific target organ toxicant after repeated exposure.</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

| Ecotoxicity | There are no data on the ecotoxicity of this product. |
| 12.1. Toxicity | |
| Toxicity | Not considered toxic to fish. |
| Ecological information on ingredients. | |
5L CLEANLINE BACTERICIDAL DETERGENT

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Acute aquatic toxicity
LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1
M factor (Acute) 1
Acute toxicity - fish LC₅₀, 96 hours: 0.85 – 1.2 mg/l, Fish
Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.02 mg/l, Daphnia magna
Acute toxicity - aquatic plants LC₅₀, 96 hours: 0.06 mg/l, Algae

ALCOHOLS, C12-14, ETHOXYLATED

Acute aquatic toxicity
LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1
M factor (Acute) 1
Acute toxicity - fish LC₅₀, 96 hours: 0.876 mg/l, Fish
Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.39 mg/l, Daphnia magna

Chronic aquatic toxicity
Chronic toxicity - fish early life stage EC₅₀, 30 days: 1.09 mg/l, Pimephales promelas (Fat-head Minnow)
Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.77 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability
There are no data on the degradability of this product. The surfactant(s) contained in this product comply(ies) 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.

Ecological information on ingredients.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Persistence and degradability
The substance is readily biodegradable.

ALCOHOLS, C12-14, ETHOXYLATED

Biodegradation
The substance is readily biodegradable.

12.3. Bioaccumulative potential

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

Ecological information on ingredients.
5L CLEANLINE BACTERICIDAL DETERGENT

ALCOHOLS, C12-14, ETHOXYLATED

Bioaccumulative potential  No potential for bioaccumulation.

12.4. Mobility in soil

Mobility  The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Adsorption/desorption coefficient  - Log Koc: 3.7-4.5 @ °C REACH dossier information.

12.5. Results of PBT and vPvB assessment

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

Ecological information on ingredients.

ALCOHOLS, C12-14, ETHOXYLATED

Results of PBT and vPvB  This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information  Do not discharge into drains or watercourses or onto the ground.

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

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.

14.6. Special precautions for user
5L CLEANLINE BACTERICIDAL DETERGENT

Not applicable.

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation


Guidance

Workplace Exposure Limits EH40.

ECHA Guidance on the Application of the CLP Criteria.

ECHA Guidance on the compilation of safety data sheets.

COSHH Essentials.


15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

DNEL: Derived No Effect Level.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.


Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015’ NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date

02/11/2018

Revision

6

Supersedes date

07/09/2018
5L CLEANLINE BACTERICIDAL DETERGENT

Risk phrases in full
R21/22 Harmful in contact with skin and if swallowed.
R34 Causes burns.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

Hazard statements in full
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.
H411 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.