SAFETY DATA SHEET
SUPER BACTERICIDAL DETERGENT 5L

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

1.1. Product identifier
Product name: SUPER BACTERICIDAL DETERGENT 5L
Product number: 800-192-0003
Container size: 5 litres

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Disinfecting and cleaning.

1.3. Details of the supplier of the safety data sheet
Supplier: COVENTRY CHEMICALS LTD
WOODHAMS RD
SISKIN DRIVE
COVENTRY
CV3 4FX
Tel: +44 (0) 02476639739
Fax: +44 (0) 02476639717
Email: sales@coventrychemicals.com
Contact person: For content of safety data sheet: sds@coventrychemicals.com

1.4. Emergency telephone number
Emergency telephone: +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards: Not Classified
Health hazards: Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards: Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36.

2.2. Label elements
Pictogram
SUPER BACTERICIDAL DETERGENT 5L

Signal word
Danger

Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.

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

Contains
ALCOHOLS C12-14 ETHOXYLATED, COCONUT DIETHANOLAMIDE, QUATERNARY AMMONIUM COMPOUNDS

Detergent labelling
< 5% disinfectants, < 5% non-ionic surfactants, Contains 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>
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<tbody>
<tr>
<td>CAS number: 68424-85-1</td>
<td>EC number: 270-325-2</td>
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<tr>
<td>M factor (Acute) = 1</td>
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</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>
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<tr>
<th>PHOSPHORIC ACID ...%</th>
<th>&lt;1%</th>
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<tr>
<td>CAS number: 7664-38-2</td>
<td>EC number: 231-633-2</td>
</tr>
<tr>
<td>REACH registration number: 01-2119485924-24-XXXX</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Skin Corr. 1B - H314
Eye Dam. 1 - H318

Classification (67/548/EEC or 1999/45/EC)
C;R34

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.
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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
Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and hold eyelids open widely.

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

Skin contact
Prolonged contact may cause redness, irritation and dry skin.

Eye contact
May cause severe inflammation, corneal ulcers and permanent impairment of vision.

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
Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other 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. In case of spills, beware of slippery floors and surfaces.

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

Methods for cleaning up
Stop leak if possible without risk. 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
SUPER BACTERICIDAL DETERGENT 5L

Usage precautions
Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

Advice on general occupational hygiene
Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Wash promptly with soap and water if skin becomes contaminated. 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.

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

Occupational exposure limits
PHOSPHORIC ACID
Long-term exposure limit (8-hour TWA): WEL 1 mg/m³
Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit

Ingredient comments
No exposure limits known for ingredient(s).

GLYCEROL (CAS: 56-81-5)

DNEL
Workers - Inhalation; Long term local effects: 56 mg/m³
General population - Dermal; Long term local effects: 33 mg/m³
General population - Oral; Long term systemic effects: 229 mg/kg/day

PNEC
- Fresh water; 0.885 mg/l
- Marine water; 0.0885 mg/l
- Intermittent release; 8.85 mg/l
- STP; 1000 mg/l
- Sediment (Freshwater); 3.3 mg/kg
- Sediment (Marinewater); 0.33 mg/kg
- Soil; 0.141 mg/kg

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL
General population - Oral; Long term systemic effects: 25 mg/kg/day
General population - Inhalation; Long term local effects: 0.6 mg/m³
General population - Inhalation; Short term local effects: 1.2 mg/m³
Workers - Inhalation; Long term local effects: 1.5 mg/m³
Workers - Inhalation; Short term local effects: 3 mg/m³

PNEC
- Fresh water; 2.2 mg/l
- Marine water; 0.22 mg/l
- Intermittent release; 1.2 mg/l
- STP; 43 mg/l
- Soil; 0.72 mg/kg

8.2. Exposure controls
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Protective equipment

Provide adequate ventilation.

Appropriate engineering controls

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. EN 166

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). Simple Design for minimal risk.

Other skin and body protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

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 release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index.htm and www.envirowise.gov.uk.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Blue.

Odour

Mild.

Odour threshold

Not applicable.

pH

pH (concentrated solution): 7.5 typically

Melting point

Not applicable.

Initial boiling point and range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not determined.

Evaporation factor

Not applicable.

Vapour pressure

Not determined.

Vapour density

Not determined.

Relative density

1.010 typically @ @ 20°C

Bulk density

Not applicable.

Solubility(ies)

Soluble in water.

Auto-ignition temperature

Not applicable.
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Decomposition Temperature | Not applicable.
Viscosity                  | Not determined.
Explosive properties      | Not applicable
Oxidising properties     | Not applicable.
Comments                  | Information given is applicable to the product as supplied.

9.2. Other information
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     | No information available.
Acute toxicity - oral ATE oral (mg/kg) | 5,000.0
Acute toxicity - dermal ATE dermal (mg/kg) | 39,000.0

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. Repeated exposure may cause skin dryness or cracking.
Eye contact               | Irritation, burning, lachrymation, blurred vision after liquid splash. A single exposure may cause the following adverse effects: Corneal damage.
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SECTION 12: Ecological Information

Ecotoxicity
There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity
Toxicity
Not considered toxic to fish.

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 complies 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.

12.4. Mobility in soil
Mobility
The product is 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
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. Packaging is recyclable. Wash out containers with water before disposal.

SECTION 14: Transport information

Road transport notes
Not classified.

Rail transport notes
Not classified.

Sea transport notes
Not classified.

Air transport notes
Not classified.

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information
SUPER BACTERICIDAL DETERGENT 5L

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
Waste Material Code 91/689/EEC

Guidance
Workplace Exposure Limits EH40.
COSHH Essentials.
ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment

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

SECTION 16: Other information

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
12/05/2015

Revision
1

SDS number
20600

Risk phrases in full
R21/22 Harmful in contact with skin and if swallowed.
R22 Harmful if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
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.
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.
H412 Harmful to aquatic life with long lasting effects.
SUPER BACTERICIDAL DETERGENT 5L

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.