1. Identification of the material and supplier

<table>
<thead>
<tr>
<th>Product name</th>
<th>Dettol Antibacterial Surface Cleanser Spray – with Fresh Lime &amp; Mint Dettol Antibacterial Surface Cleanser Spray</th>
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</thead>
<tbody>
<tr>
<td>SDS #</td>
<td>D0300125 v.5.0</td>
</tr>
<tr>
<td>Formulation #</td>
<td>0336720 v2.0 8017002 v2.0</td>
</tr>
<tr>
<td>Supplier</td>
<td>AUSTRALIA Reckitt Benckiser (Australia) Pty Limited 680 George Street, Sydney NSW 2000 Tel: +61 (0)2 9857 2000</td>
</tr>
<tr>
<td></td>
<td>NEW ZEALAND Reckitt Benckiser (New Zealand) Limited 2 Fred Thomas Drive, Takapuna, Auckland, New Zealand 0622 Tel: +64 9 484 1400</td>
</tr>
<tr>
<td>Poison Information contact:</td>
<td>Australia - 13 11 26 New Zealand - 0800 764 766 or 0800 POISON</td>
</tr>
</tbody>
</table>

Material uses: Surface Disinfectant

Product use: Consumer

Section 2. Hazard(s) identification

Classification of the substance or mixture: Not classified.

HSNO Classification: Not classified.

GHS label elements

<table>
<thead>
<tr>
<th>Signal word</th>
<th>No signal word.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard statements</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Precautionary statements</td>
<td>General: Keep out of reach of children. If medical advice is needed, have product container or label at hand.</td>
</tr>
<tr>
<td></td>
<td>Prevention: Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Response: Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Storage: Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Disposal: Not applicable.</td>
</tr>
<tr>
<td></td>
<td>Supplemental label elements: Not applicable.</td>
</tr>
<tr>
<td>Other hazards which do not result in classification: None known.</td>
<td></td>
</tr>
</tbody>
</table>
Section 3. Composition and ingredient information

Substance/mixture : Mixture

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>% (w/w)</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>tetrasodium ethylene diamine tetraacetate</td>
<td>&lt;1</td>
<td>64-02-8</td>
</tr>
<tr>
<td>quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides</td>
<td>&lt;0.1</td>
<td>68424-85-1</td>
</tr>
<tr>
<td>Quaternary ammonium compounds, alkylbenzyldimethyl, chlorides</td>
<td>&lt;0.1</td>
<td>8001-54-5</td>
</tr>
<tr>
<td>sodium carbonate</td>
<td>&lt;1</td>
<td>497-19-8</td>
</tr>
<tr>
<td>Alcohols, C12-14, ethoxylated</td>
<td>&lt;1</td>
<td>68439-50-9</td>
</tr>
</tbody>
</table>

Other Non-hazardous ingredients to 100%
Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

**Potential acute health effects**

- **Eye contact** : No known significant effects or critical hazards.
- **Inhalation** : No known significant effects or critical hazards.
- **Skin contact** : No known significant effects or critical hazards.
- **Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- **Eye contact** : No specific data.
- **Inhalation** : No specific data.
- **Skin contact** : No specific data.
- **Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)
Section 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

**Hazardous thermal decomposition products** : No specific data.

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up**

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.
Section 7. Handling and storage

Precautions for safe handling

Protection measures : Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls and personal protection

Control parameters

Australia

Occupational exposure limits

None.

New Zealand

Occupational exposure limits : No exposure standard allocated.

Appropriate engineering controls

Environmental exposure controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Section 9. Physical and chemical properties

**Appearance**

- **Physical state**: Liquid. [Clear.]
- **Color**: Colorless.
- **Odor**: Not available.
- **Odor threshold**: Not available.
- **Melting point**: Not available.
- **Boiling point**: 100°C (212°F)
- **Flash point**: Not applicable
- **Evaporation rate**: Not available.
- **Flammability (solid, gas)**: Not applicable
- **Lower and upper explosive (flammable) limits**: Not available.
- **Vapor pressure**: 2.3 kPa (17.251 mm Hg) [room temperature]
- **Vapor density**: Not available.
- **Relative density**: 0.991 to 1.011
- **Solubility**: Easily soluble in the following materials: cold water and hot water.
- **Solubility in water**: Not available.
- **Partition coefficient: n-octanol/water**: Not available.
- **Auto-ignition temperature**: Not available.
- **Decomposition temperature**: Not available.
- **Viscosity**: Not available.
- **Flow time (ISO 2431)**: Not available.
- **Aerosol product**: Not available.

**Section 10. Stability and reactivity**

- **Reactivity**: No specific test data related to reactivity available for this product or its ingredients.
- **Chemical stability**: The product is stable.
- **Possibility of hazardous reactions**: Under normal conditions of storage and use, hazardous reactions will not occur.
- **Conditions to avoid**: No specific data.
- **Incompatible materials**: No specific data.
- **Hazardous decomposition products**: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11. Toxicological information**

- **Information on toxicological effects**
  - **Acute toxicity**: Not available.
  - **Conclusion/Summary**
    - **Irritation/Corrosion**: Not available.
    - **Skin**: Based on available data, the classification criteria are not met.

**Date of issue**: 26/08/2019
Section 11. Toxicological information

**Eyes**
- Based on available data, the classification criteria are not met.

**Respiratory**
- Based on available data, the classification criteria are not met.

**Sensitization**
- Not available.

**Conclusion/Summary**
- Based on available data, the classification criteria are not met.

**Carcinogen**
- Not available.

**Mutagenicity**
- Not available.

**Conclusion/Summary**
- Based on available data, the classification criteria are not met.

**Reproduction toxicity**
- Not available.

**Teratogenicity**
- Not available.

**Conclusion/Summary**
- Based on available data, the classification criteria are not met.

**Specific target organ toxicity (single exposure)**
- Not available.

**Specific target organ toxicity (repeated exposure)**
- Not available.

**Aspiration hazard**
- Not available.

**Information on the likely routes of exposure**
- Not available.

**Potential acute health effects**
- **Eye contact**: No known significant effects or critical hazards.
- **Inhalation**: No known significant effects or critical hazards.
- **Skin contact**: No known significant effects or critical hazards.
- **Ingestion**: No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**
- **Eye contact**: No specific data.
- **Inhalation**: No specific data.
- **Skin contact**: No specific data.
- **Ingestion**: No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**
- **Potential immediate effects**: Not available.
- **Potential delayed effects**: Not available.

**Long term exposure**
- Not available.
Section 11. Toxicological information

Potential immediate effects : Not available.
Potential delayed effects : Not available.
Potential chronic health effects
Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates
Not available.

Section 12. Ecological information

Toxicity
Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Persistence and degradability

Conclusion/Summary : The surfactant(s) contained in this preparation 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.

Bioaccumulative potential
Not available.

Mobility in soil

Soil/water partition coefficient (K<sub>OC</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
## Section 13. Disposal considerations

## Section 14. Transport information

<table>
<thead>
<tr>
<th></th>
<th>ADG</th>
<th>ADR/RID</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Packing group</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
</tbody>
</table>

### Special precautions for user
- **Transport within user’s premises**: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### Transport in bulk according to Annex II of MARPOL and the IBC Code
- Not available.

## Section 15. Regulatory information

### Standard Uniform Schedule of Medicine and Poisons
- Not scheduled

### Model Work Health and Safety Regulations - Scheduled Substances
- No listed substance

### Australia inventory (AICS)
- All components are listed or exempted.

### New Zealand Inventory of Chemicals (NZIoC)
- All components are listed or exempted.

### HSNO Group Standard
- Cleaning Products (Subsidiary Hazard)

### HSNO Approval Number
- HSR002530

### Approved Handler Requirement
- Not applicable.

### Tracking Requirement
- Not applicable.

## Section 16. Any other relevant information

### Key to abbreviations
- ADG = Australian Dangerous Goods
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

**Date of issue**: 26/08/2019
Section 16. Any other relevant information

Date of issue / Date of revision : 26/08/2019
Revision comments : Update of SDS.
Version : 5.0

Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
<td></td>
</tr>
</tbody>
</table>

References : Not available.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Please read all labels carefully before using product.