Non-Alcohol Hand Sanitizer Gel
Safety Data Sheet
MS Code: MSF03G-AUS Revision: 0 Rev Date: 07/17/2019 Supersedes: 12/07/2017

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

1.1. Product identifier
Product form: Gelled liquid, mixture
Product name: Non-Alcohol Hand Sanitizer Gel
Product group: Trade product
Product code: LB-4000/A/3
Part number: TR-BR40 series

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Use of the substance/preparation: Hand sanitizing

1.2.2. Uses advised against
No data available

1.3. Details of the supplier of the safety data sheet
Distributor: Aviall Australia Pty. Ltd.
Address: 20-22 Lindaway Place
City: Tullamarine
State: Victoria
Postal Code: 3043
Country: Australia
Tel: 61-3-9339-3000
Fax: 61-3-9338-9773
Contact Person: Melbourne
E-mail: melbourne@aviall.com

Manufacturer: Celeste Industries Corporation
Address: 8221 Teal Drive, Suite 405
City: Easton
State: Maryland
Postal Code: 21601
Country: USA
Tel: 410-822-5775
Fax: 61-3-9338-9773
Contact Person: Celeste Industries Corporation
E-mail: info@celestecorp.com

1.4. Emergency telephone number
Emergency contact number: For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within USA and CANADA: 1-800-424-9300
Outside USA and Canada (collect call accepted): 1-703-527-3883

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to CLP Regulation (EC) No 1272/2008
Not classified as hazardous

Adverse physicochemical, human health and environmental effects
Not classified as dangerous for use/supply

2.2. Label elements
Classification according to CLP Regulation (EC) No 1272/2008
No marking required

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride (C12-18)</td>
<td>(CAS No.) 68391-01-5</td>
<td>0.13</td>
<td>Skin Irrit. 2, H315 Eye Irrit 1, H319</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.
First-aid measures after skin contact: Generally not required; rinse with plenty of water if needed.
First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes.
First-aid measures after ingestion: Seek medical attention immediately. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation: Inhalation of mist or aerosol may cause irritation to nose and throat.
Symptoms/injuries after skin contact: Repeated or prolonged direct skin contact may cause irritation or drying of skin.
Symptoms/injuries after eye contact: May cause irritation to the eyes.
Symptoms/injuries after ingestion: May cause irritation to the respiratory tract and to other mucous membranes.

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

SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Non combustible
Reactivity: Stable under normal conditions of use.

5.3. Advice for firefighters
Protective equipment for firefighters: Wear proper protective equipment including self-contained breathing apparatus.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
General measures: Ensure adequate ventilation. Avoid contact with eyes.

6.1.1. For non-emergency personnel
Protective equipment: Chemical resistant gloves as needed. Use splash goggles to prevent eye contact as needed.

6.1.2. For emergency responders
Protective equipment: Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.

6.2. Environmental precautions
No additional information available

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, dike with dirt, then remove by vacuum truck for disposal.

6.4. Reference to other sections
Refer to sections 8 and 13.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Precautions for safe handling: Avoid contact with eyes.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Provide adequate ventilation.
Storage condition(s): Store in dry, cool, well-ventilated area; avoid freezing.

7.3. Specific end use(s)
No data available

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
No data available

8.2. Exposure controls
Appropriate engineering controls: Ensure adequate ventilation.
Personal protective equipment: Normally not required when used as intended.
Hand protection: Product is designed for use on hands.
Eye protection : Normally not required if used as intended.
Skin and body protection : Normally not required if used as intended.
Respiratory protection : Normally not required if used as intended.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Mixture</td>
</tr>
<tr>
<td>Appearance</td>
<td>Thick liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Transparent</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>5.5 – 7.5</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>32 F</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
</tr>
<tr>
<td>Self ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.95 - 1.05</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not oxidizing</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
### SECTION 12: Ecological information

#### 12.1. Toxicity
No significant harmful effects anticipated.

#### 12.2. Persistence and degradability
No additional information available.

#### 12.3. Bioaccumulative potential
No additional information available.

#### 12.4. Mobility in soil
No additional information available.

#### 12.5. Results of PBT and vPvB assessment
No additional information available.

#### 12.6. Other adverse effects
No additional information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods
- **Regional legislation (waste):** Dispose of contents/container to comply with applicable local, national and international regulations.
- **Waste disposal recommendations:** Comply with local regulations for disposal.

### SECTION 14: Transport information

Not classified as dangerous for transport.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations
Contains no REACH candidate substance.

##### 15.1.2. National regulations
No data available.

#### 15.2. Chemical safety assessment
CSA has not been established.

### SECTION 16: Other information

#### Sources of Key data
- SDS, ECHA.

#### Abbreviations and acronyms
- ACGIH (American Conference of Governmental Industrial Hygienists).
- CAS - Chemical Abstracts Service.
- CLP - Classification, Labelling and Packaging.
- CSR - Chemical Safety Report.
- EEC - European Economic Community.
- EC - European Community.
- GHS - Globally Harmonised System.
- MSDS - Material Safety Data Sheet.
- OSHA - Occupational Safety and Health Administration.
- Overland transport (ADR).
- PEL - Permissible Exposure Level.
- REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals.
- Relat - Relative.
- SDS - Safety Data Sheet.
- STEL - Short-Term Exposure Limit.
- TLV - Threshold Limit Value.
- TWA - Time Weighted Average.

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