1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Earth Choice Fabric Softener</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Name(s)</td>
<td>1L FM141009 ECF 9310692 151111</td>
</tr>
<tr>
<td></td>
<td>1 L (for export to China) FM141010 CEF 9310692 151111</td>
</tr>
<tr>
<td>Recommended Use</td>
<td>Fabric softener</td>
</tr>
<tr>
<td>Supplier</td>
<td>Natures Organics Pty Ltd</td>
</tr>
<tr>
<td>Address</td>
<td>31 Cornhill Street Ferntree Gully VIC 3156</td>
</tr>
<tr>
<td>Telephone</td>
<td>+613 9759 0300</td>
</tr>
<tr>
<td>Emergency Telephone</td>
<td>+613 9759 0300</td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

- **GHS Classification of the substance or mixture:** This substance / preparation is NOT classified as hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.
- **Classification of the substance or mixture:** Non-hazardous

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

Ingredients determined not to be hazardous - Balance

The authorities of the European Community have selected 26 fragrance ingredients which are considered to be potential allergens. If any of these 26 fragrance ingredients are determined to be present at a level of 10 ppm (0.001%) or more in a leave-on personal care product or at a level of 100 ppm (0.01%) or more in a rinse-off personal care product or detergent product, then they must be included as an ingredient on the product label if the product is to be sold in the European Community. Whilst Australian legislation and regulations for personal care products and detergent products does not require such ingredient disclosure, it is provided in the table below in the interests of transparency and to assist consumers in making an informed choice.

**Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (0.01%) or more**

None – the fragrance is deemed to be hypoallergenic
4. FIRST AID MEASURES

**Ingestion**
Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Seek medical advice or contact the Poisons Information Centre (phone Australia 13 1126; New Zealand 0800 764 766).

**Eye**
Immediately hold eyes open and flush with water for at least 15 minutes. If irritation persists, seek medical advice.

**Skin**
Wipe off excess with tissue or towel. Remove contaminated clothing. Wash well with water. If irritation occurs, seek medical advice.

**Inhalation**
Not applicable.

**First Aid Facilities**
Workcover recommended first aid facilities appropriate to the size of the workplace.

**Advice to Doctor**
Treat symptomatically.

5. FIRE FIGHTING MEASURES

**Extinguishing media**
Water spray or fog. Foam, dry chemical powder or carbon dioxide extinguishers.

**Hazards from combustion products**
This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes containing carbon dioxide, carbon monoxide, sulfur dioxide and oxides of nitrogen.

**Personal protective equipment**
Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

**Hazchem code**
None assigned.

6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures**
Slippery when spilt. Avoid accidents, clean up immediately. Wear personal protective equipment.

**Methods and materials for containment and clean up**
Contain spill to prevent contamination of drains / water ways. Use absorbent material such as sand or earth. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Wash area down with water to remove residual material.

7. HANDLING AND STORAGE

**Precautions for safe handling**
Follow product label directions. Avoid skin and eye contact.

**Conditions for safe storage**
Store in original containers in a cool (below 30°C), dry, well ventilated area and out of direct sunlight. Store away from foodstuffs, foodstuff containers and incompatible materials such as acids, alkalis and strong oxidizing agents.

**Storage incompatibility**
Acids, alkalis and strong oxidizing agents.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: Australia \(^{(1)}\)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.(^{(a)})</th>
<th>TWA ppm(^{(b)})</th>
<th>TWA mg/m(^3)(^{(c)})</th>
<th>STEL ppm(^{(b)})</th>
<th>STEL mg/m(^3)(^{(c)})</th>
<th>Carcinogen Category</th>
<th>Notices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>1000</td>
<td>1880</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

where:
- TWA = Time Weighted average
- STEL = Short Term Exposure Limit
- Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]
- CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.
- Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.
- Milligrams of substance per cubic metre of air.

Sk Absorption through the skin may be a significant source of exposure.

Biological limit values: Not available

Engineering controls: Use in well ventilated areas.

Personal protective equipment:
- Eyes: Not required under normal conditions of use. For industrial applications, wear eye protection.
- Clothing: Not required under normal conditions of use. For industrial applications, wear suitable gloves.
- Respiratory: Not normally a hazard due to the non-volatile nature of the product.
- Other: Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Opaque pale blue slightly viscous liquid
- Odour: Characteristic floral fragrance
- pH (undiluted): Approximately 2.6
- Vapour Pressure (kPa): Not available
- Boiling Point: Approximately 100°C (water)
- Melting Point: Not available
- Solubility in water: Readily dispersible
- Specific Gravity: Approximately 0.998 @ 20°C
- Flash Point (°C): Not applicable
- Flammability Limits: Not flammable
- Ignition temperature (°C): Not available
- Specific heat value: Not available
- VOC content: < 1 %
- Evaporation rate: Not available
- Viscosity: Approximately 425 cps @ 20°C
- Volatile component (%): Approximately 95%
- Saturated vapour pressure: Not available
- Decomposition temperature: Not available
### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Chemical stability</th>
<th>Stable under normal conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions to avoid</td>
<td>Excessive heat.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Acids, alkalis, strong oxidising agents.</td>
</tr>
<tr>
<td>Hazardous decomposition</td>
<td>Thermal degradation may produce toxic fumes containing carbon dioxide, carbon monoxide, sulfur dioxide and oxides of nitrogen.</td>
</tr>
<tr>
<td>Hazardous reactions</td>
<td>Not known.</td>
</tr>
</tbody>
</table>

### 11. TOXICOLOGICAL INFORMATION

**Potential health effects**

- **Acute**
  - Swallowed: May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea.
    - **Ingredient**
      - Oral LD$_{50}$ (rat)
      - Methyl triethanol ammonium: 11300 mg/kg
      - Ethanol: 7060 mg/kg
  - **Eye**: Irritating to eyes.
  - **Skin**: Repeated or prolonged skin contact may lead to irritation.
  - **Inhaled**: Not normally a hazard due to the non-volatile nature of the product.

- **Chronic**: No information available.

### 12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ecotoxicity:</th>
<th>Ingredient</th>
<th>LC50 (fish) 96 hr</th>
<th>EC50 (daphnia) 48 hr</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Methyl triethanol ammonium</td>
<td>6430 mg/L</td>
<td>85 mg/L</td>
</tr>
<tr>
<td></td>
<td>methyl sulphate dialkyl ester</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethanol</td>
<td>&gt; 100 mg/L</td>
<td>7.7 – 11.2 mg/L</td>
</tr>
</tbody>
</table>

- **Persistence and Degradability**: The active ingredient is classified as readily biodegradable when tested according to OECD Method 301C.

### 13. DISPOSAL CONSIDERATIONS

- **Waste disposal**: Dispose of by incineration, to trade waste or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations. Small quantities can go to the sewer.
14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

- UN Number: None
- UN proper shipping name: None
- Dangerous Goods Class: None
- Subsidiary Risk: None
- Packing group: None
- Special precautions for user: None
- Hazchem Code: None

15. REGULATORY INFORMATION

All components of this product are listed on the Australian Inventory of chemical substances (AICS).

- Poisons Schedule: None

16. OTHER INFORMATION

For Emergencies
Australian Poisons Information Centre – phone 13 1126
New Zealand Poisons Information Centre – phone 0800 764 766

Prepared By
Greg Bryant
Chief Operations Chemist

Issue Date
26/10/2017

Version No
4

Supersedes
Version No 3 dated 24/01/2014

Reason for Revision
Update to GHS format.

This MSDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

End of document.