1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Earth Choice Dishwashing Liquid
Other Name(s): Variant

<table>
<thead>
<tr>
<th>Variant</th>
<th>EAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lemon Fresh 1L</td>
<td>FM141003 ECD</td>
</tr>
<tr>
<td>Lemon Fresh 1L (China)</td>
<td>FM141004 CED</td>
</tr>
<tr>
<td>Lemon Fresh 450mL</td>
<td>FM140402 C4L</td>
</tr>
<tr>
<td>Lemon Fresh 850mL</td>
<td>FM140801 C8L</td>
</tr>
<tr>
<td>Aloe Fresh 1L</td>
<td>FM141018 EDA</td>
</tr>
<tr>
<td>Aloe Fresh 1L (China)</td>
<td>FM141002 CEA</td>
</tr>
<tr>
<td>Aloe Fresh 450mL</td>
<td>FM140403 C4A</td>
</tr>
<tr>
<td>Aloe Fresh 850mL</td>
<td>FM140802 C8A</td>
</tr>
</tbody>
</table>

Recommended Use: Manual dishwashing liquid
Supplier: Natures Organics Pty Ltd
Address: 31 Cornhill Street
Ferntree Gully
VIC 3156
Telephone: +613 9759 0300
Emergency Telephone: +613 9759 0300 (8 am to 5 pm EST)

2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture: This substance / preparation is classified as hazardous according to the GHS of Classification and Labelling of Chemicals, Third Revision.
Classification of the substance or mixture: EYE IRRITATION – Category 2A
GHS label elements: Hazard pictograms:

Signal word: WARNING
Hazard statement(s): H319 Causes serious eye irritation.
Precautionary statements: P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredients determined not to be hazardous</td>
<td></td>
<td>&gt; 60</td>
</tr>
<tr>
<td>Sodium Laureth Sulfate</td>
<td>68585-34-2</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Coco-Glucoside</td>
<td>110615-47-9, 161074-97-1</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Cocoamidopropyl Betaine</td>
<td>61789-40-0</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Cocamine oxide</td>
<td>61788-90-7</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634-33-5</td>
<td>&lt; 0.1</td>
</tr>
</tbody>
</table>

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 below in the interests of transparency and to assist consumers in making an informed choice.

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

- Lemon Fresh: Limonene (d- and l-Limonene) CAS 5989-27-5 0.027%
- Aloe Fresh: None more than 100ppm

4. FIRST AID MEASURES

**Ingestion:** Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Contact a doctor or 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.

**Inhaled:** Remove to fresh air. No data for health effects associated with long term inhalation.

**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 oxides of carbon and nitrogen as well as sulfur compounds.
6. ACCIDENTAL RELEASE MEASURES

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

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:
Avoid skin and eye contact. Use in well ventilated areas.

Conditions for safe storage:
Store in original containers in a cool, dry, well ventilated area and out of direct sunlight. Store away from foodstuffs, foodstuff containers and incompatible materials such as strong oxidising agents.

Storage incompatibility:
Strong oxidising 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>STEL ppm (b)</th>
<th>Carcinogen Category</th>
<th>Notices</th>
</tr>
</thead>
</table>

where:

TWA = Time Weighted average  
STEL = Short Term Exposure Limit  

(1) Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]

(a) CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

(b) Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

(c) Milligrams of substance per cubic metre of air.

Biological limit values: Not available

Engineering controls: None under normal use conditions.

Personal protective equipment:
Eyes: Generally not required.
Hands: Generally not required.
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 Clear coloured viscous liquid
Odour Characteristic fragrance
10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Conditions to avoid: Excessive heat and direct sunlight.
Incompatible materials: Strong oxidising agents.
Hazardous decomposition products: Oxides of carbon and nitrogen as well as sulfur compounds.
Hazardous reactions: None known.

11. TOXICOLOGICAL INFORMATION

Potential health effects:
Acute Swallowed: May cause irritation if directly introduced to the mouth, throat and stomach. Symptoms may include vomiting, abdominal pain, diarrhoea and nausea.
Oral LD50 (rat): Sodium Laureth Sulfate > 2000 mg/kg > 2000 mg/kg
Coco Glucoside > 2000 mg/kg > 2000 mg/kg
Cocamidopropyl Betaine 2335 mg/kg > 2000 mg/kg
Cocamine Oxide > 1500 mg/kg Not Available
Eye: May cause mild to moderate irritation to the eyes, including redness and stinging.
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

Ecotoxicity: Classified according to GHS as hazardous to the aquatic environment,
acute hazard Category 3 (10 < LC50 < 100). The product itself has not been tested, however the product has been classified via summation of all ingredients contained in the product.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>DID No. (2)</th>
<th>LC50 / EC50</th>
<th>NOEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Laureth Sulfate</td>
<td>2008</td>
<td>7.1</td>
<td>1.90</td>
</tr>
<tr>
<td>Coco-Glucoside</td>
<td>2136</td>
<td>8.7</td>
<td>1.75</td>
</tr>
<tr>
<td>Cocamidopropyl Betaine</td>
<td>2202</td>
<td>0.9</td>
<td>0.14</td>
</tr>
<tr>
<td>Cocamine Oxide</td>
<td>2206</td>
<td>0.13</td>
<td>0.07</td>
</tr>
</tbody>
</table>

Persistence and Degradability: The surfactants contained in this product are classified as readily biodegradable according to OECD criteria or Australian Standard AS4351.

Mobility: No information available.

Other: Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of by incineration or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations.

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
Proper Shipping Name: None
Dangerous Goods Class: None
Subsidiary Risk: None
Pack Group: None
Hazchem Code: None
Marine Pollutant: No
Special precautions for user: None

15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled.
All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

For Emergencies: Australian Poisons Information Centre – phone 13 1126
New Zealand Poisons Information Centre – phone 0800 764 766
Prepared By: Andrew Gowty
Senior Development Chemist
Issue Date: 12/07/2017
Version No: 4
Supersedes: -
Reason for Revision: Revised formulation
References:
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.