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

1.1 Product identifier

Trade name: ECOS Ginger Plus

Description / Product Code: 9758

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture:

Cleaning Product/ Detergent
All purpose Cleaner

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
Venus Labs/dba Earth Friendly Products
111. S Rohlwing Rd Addison, IL 60101
Phone: 800-451-9304
Chemtrec: 800-424-9300

1.4 Emergency telephone number:

Emergency telephone number: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation EC No 1272/2008 CLP:
This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2 Label elements

Labelling according to Regulation EC No 1272/2008 CLP: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Precautionary statements P102 Keep out of reach of children.

Regulation (EC) No 648/2004 on detergents / Labelling for contents

| non-ionic surfactants | < 5% |

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture consisting of substances below the concentration limits set out in Regulation (EU) 2015/830.

Ingredients according Regulation (EU) 830/2015: Void

SECTION 4: First aid measures

4.1 Description of first aid measures
General information: Take affected persons out into the fresh air.
After inhalation: Seek medical treatment in case of complaints.
After skin contact: Generally the product does not irritate the skin.
After eye contact: Rinse opened eye for at least 15 minutes under running water.
After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
Seek immediate medical advice.
4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions: Do not allow to enter sewers/surface or ground water.
6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).
6.4 Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

vPvB: Not applicable.
**SECTION 7: Handling and storage**

7.1 **Precautions for safe handling**
Avoid contact with skin, eyes and clothing.

**Information about fire - and explosion protection:** No special measures required.

7.2 **Conditions for safe storage, including any incompatibilities**

**Storage:**

- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

7.3 **Specific end use(s)**
No further relevant information available.

---

**SECTION 8: Exposure controls/personal protection**

8.1 **Control parameters**

<table>
<thead>
<tr>
<th>Ingredients with limit values that require monitoring at the workplace:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6 propane-1,2-diol</td>
<td></td>
</tr>
<tr>
<td><strong>WEL (Great Britain)</strong></td>
<td>Long-term value: 474* 10** mg/m³, 150* ppm</td>
</tr>
<tr>
<td></td>
<td>*total vapour and particulates **particulates</td>
</tr>
</tbody>
</table>

**DNELs**

- **Propane-1,2-diol cas number:** 57-55-6
- **Workers long-term systemic effects via inhalation route:** 168 mg/m³
- **Workers long-term local effects via inhalation route:** 10 mg/m³
- **Consumers long-term systemic effects via inhalation route:** 50 mg/m³
- **Consumers long-term local effects via inhalation route:** 10 mg/m³
- **Ethanol cas number:** 64-17-5
- **Workers long-term exposure systemic effects via inhalation route:** 950 mg/m³
- **Workers acute/short term exposure local effects:** 1900 mg/m³
- **Workers systemic effects long-term exposure via dermal route:** 343 mg/kg bw/day
- **General Population systemic effects long-term exposure via inhalation route:** 114 mg/m³
- **General Population local effects acute/short term exposure via inhalation route:** 950 mg/m³
- **General Population systemic effects long term exposure via dermal route:** 206 mg/kg bw/day

**PNECs**

- **Propane-1,2-diol cas number:** 57-55-6
- **Fresh water:** 260 mg/l
- **Marine water:** 26 mg/l
- **Intermittent releases:** 183 mg/l
- **STP:** 20000 mg/l
- **Fresh water sediment:** 572 mg/kg d.w.
- **Marine sediment:** 57.2 mg/kg d.w.
- **Soil:** 50 mg/kg d.w.
- **Ethanol cas number:** 64-17-5
- **Freshwater:** 0.96 mg/l
- **Marine water:** 0.79 mg/l
- **Intermittent releases:** 2.75 mg/l
- **STP:** 580 mg/l

(Contd. on page 4)
**Trade name:** ECOS Ginger Plus

Sediment (freshwater) : 3.6 mg/kg sediment dw  
Sediment (marine water) : 2.9  
Soil : 0.63 mg/kg soil dw

**8.2 Exposure controls**

**Personal protective equipment**  
**General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
**Respiratory protection:** Not required.  
**Protection of hands:** Not required under normal conditions of use.  
**Penetration time of glove material**  
The determined penetration times according to EN 374 part III are not performed under practical conditions.  
Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.  
**Eye protection:** Not required under normal conditions of use.  
**Body protection:** Not required under normal conditions of use.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**
- **Form:** Liquid  
- **Colour:** Whitish  
- **Odour:** Characteristic of the perfume Ginger  
- **Odour threshold:** Not determined

**pH value:** 5  
**Melting point/Melting range:** Not determined  
**Boiling point/Boiling range:** Not determined  
**Flash point:** 98 °C  
**Flammability (solid, gaseous):** Not applicable  
**Auto-ignition temperature:** Not determined  
**Decomposition temperature:** Not determined  
**Self-igniting:** Product is not selfigniting.  
**Danger of explosion:** Product does not present an explosion hazard.  
**Explosion limits:**
- **Lower:** Not determined  
- **Upper:** Not determined  
**Vapour pressure:** Not determined
Trade name: ECOS Ginger Plus

Density: Not determined
Relative density: Not determined
Vapour density: Not determined
Evaporation rate: Not determined

Solubility in / Miscibility with water: Fully miscible
Partition coefficient (n-octanol/water): Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under normal conditions

10.2 Chemical stability
Thermal decomposition / conditions to be avoided: Stable at environment temperature.

10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials
No further relevant information available.

10.6 Hazardous decomposition products
Carbon monoxide
Carbon dioxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: No further relevant information available.
Trade name: ECOS Ginger Plus

12.2 Persistence and degradability
The surfactant(s) contained in this preparation complies(with) 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 No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation

Dispose according to National Regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

Uncleaned packaging:
Recommendation:
Disposal must be made according to official regulations. Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information

14.1 UN-Number
ADR, ADN, IMDG, IATA

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA

14.4 Packing group
ADR, IMDG, IATA

(Contd. on page 7)
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Detergent Regulation No. 648/2004/EC
CLP Regulation No. 1272/2008/EC
Regulation (EU) 2015/830
Regulation REACH (EC) 1907/2006
Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57
It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Training hints
Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.
Safety Data Sheet
complying with Regulation 1907/2006/EC (REACH Regulation), EU 2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 27.06.2016  Version number 1  Revision: 17.11.2015

**Trade name:** ECOS Ginger Plus

<table>
<thead>
<tr>
<th>Abbreviations and acronyms:</th>
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<tbody>
<tr>
<td>ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
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<tr>
<td>IMDG: International Maritime Code for Dangerous Goods</td>
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<td>IATA: International Air Transport Association</td>
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<td>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</td>
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<tr>
<td>EINECS: European Inventory of Existing Commercial Chemical Substances</td>
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<tr>
<td>ELINCS: European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>CAS: Chemical Abstracts Service (division of the American Chemical Society)</td>
</tr>
<tr>
<td>DNEL: Derived No-Effect Level (REACH)</td>
</tr>
<tr>
<td>PNEC: Predicted No-Effect Concentration (REACH)</td>
</tr>
<tr>
<td>PBT: Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>SVHC: Substances of Very High Concern</td>
</tr>
<tr>
<td>vPvB: very Persistent and very Bioaccumulative</td>
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</table>

*Data compared to the previous version altered.*