**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name: ECOSPHERE SMOKE GUARD

Other means of identification: Not applicable

Recommended use: Air Freshener

Restrictions on use: Reserved for industrial and professional use.

Product dilution information: Product is sold ready to use.

Company: Ecolab Inc.
1 Ecolab Place
St. Paul, Minnesota USA 55102
1-800-352-5326

Emergency health information: 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date: 10/28/2019

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Skin irritation: Category 2
Eye irritation: Category 2A
Skin sensitization: Category 1

**GHS label elements**

Hazard pictograms: !

Signal Word: Warning

Hazard Statements: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary Statements: **Prevention:** Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/ eye protection/ face protection. **Response:** IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse. **Disposal:** Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**: None known.
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance Ingredient(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citronellol</td>
<td>106-22-9</td>
<td>5 - 10</td>
</tr>
<tr>
<td>phenethyl alcohol</td>
<td>60-12-8</td>
<td>5 - 10</td>
</tr>
<tr>
<td>3-p-cumeneyl-2-methylpropionaldehyde</td>
<td>103-95-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Hexyl cinnamal</td>
<td>101-86-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Amyl cinnamal</td>
<td>122-40-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Geraniol</td>
<td>106-24-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Linalool</td>
<td>78-70-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-9-Decen-1-ol</td>
<td>68039-49-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>terpinolene</td>
<td>586-62-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Hydroxy-methylpentylcyclohexene carboxaldehyde</td>
<td>31906-04-4</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>solvents / additives</td>
<td>1335-66-6</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

In case of eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

In case of skin contact: Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

If swallowed: Rinse mouth. Get medical attention if symptoms occur.

If inhaled: Get medical attention if symptoms occur.

Protection of first-aiders: If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician: Treat symptomatically.

Most important symptoms and effects, both acute and delayed: See Section 11 for more detailed information on health effects and symptoms.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known.

Specific hazards during fire fighting: Not flammable or combustible.

Hazardous combustion products: Decomposition products may include the following materials: Carbon oxides

Special protective equipment: Use personal protective equipment.
SAFETY DATA SHEET
ECOSPHERE SMOKE GUARD

for fire-fighters

Specific extinguishing methods: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling: Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage: Keep out of reach of children. Store in suitable labeled containers.

Storage temperature: 5 °C to 45 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters
Contains no substances with occupational exposure limit values.

Engineering measures: Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection: Safety glasses with side-shields

Hand protection: Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection: No special protective equipment required.

Respiratory protection: No personal respiratory protective equipment normally required.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.
## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>clear, light yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Perfumes, fragrances</td>
</tr>
<tr>
<td>pH</td>
<td>6.0 - 9.0, (100 %)</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.013 - 1.031</td>
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<tr>
<td>Water solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
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<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
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<tr>
<td>Molecular weight</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC</td>
<td>No data available</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No data available</td>
</tr>
</tbody>
</table>

## SECTION 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No dangerous reaction known under conditions of normal use.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>No dangerous reaction known under conditions of normal use.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>None known.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Oxidizing agents</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>In case of fire hazardous decomposition products may be produced such as: Carbon oxides</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
ECOSPHERE SMOKE GUARD

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes: Causes serious eye irritation.
Skin: Causes skin irritation. May cause allergic skin reaction.
Ingestion: Health injuries are not known or expected under normal use.
Inhalation: Health injuries are not known or expected under normal use.
Chronic Exposure: Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact: Redness, Pain, Irritation
Skin contact: Redness, Irritation, Allergic reactions
Ingestion: No symptoms known or expected.
Inhalation: No symptoms known or expected.

Toxicity

Product
Acute oral toxicity: Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity: No data available
Acute dermal toxicity: Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation: No data available
Serious eye damage/eye irritation: No data available
Respiratory or skin sensitization: No data available
Carcinogenicity: No data available
Reproductive effects: No data available
Germ cell mutagenicity: No data available
Teratogenicity: No data available
STOT-single exposure: No data available
STOT-repeated exposure: No data available
Aspiration toxicity: No data available

Components
Acute inhalation toxicity: Hexyl cinnamal
4 h LC50 Rat: > 5 mg/l
Test atmosphere: dust/mist

SECTION 12. ECOLOGICAL INFORMATION
Ecotoxicity

Environmental Effects: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Product

Toxicity to fish: No data available
Toxicity to daphnia and other aquatic invertebrates: No data available
Toxicity to algae: No data available

Components

Toxicity to fish: phenethyl alcohol
96 h LC50 Leuciscus idus (Golden orfe): 215 mg/l
Linalool
96 h LC50 Fish: 27.8 mg/l

Components

Toxicity to daphnia and other aquatic invertebrates: phenethyl alcohol
48 h EC50 Daphnia magna (Water flea): 287.17 mg/l
3-p-cumenyl-2-methylpropionaldehyde
48 h EC50: 1.4 mg/l
Hexyl cinnamal
48 h LC50 Daphnia: 0.22 mg/l
terpinolene
48 h EC50: 0.634 mg/l

Components

Toxicity to algae: phenethyl alcohol
72 h EC50 algae: 1,300 mg/l

Amyl cinnamal
72 h EC50: 1.18 mg/l
Geraniol
72 h EC50: 5.93 mg/l

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS
Disposal methods: Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)
Not dangerous goods

Sea transport (IMDG/IMO)
Not dangerous goods

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Skin corrosion or irritation
Serious eye damage or eye irritation
Respiratory or skin sensitization

SARA 302: This material does not contain any components with a section 302 EHS TPQ.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

California Cleaning Product Right to Know Act of 2017 (SB 258)
This regulation applies to this product.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Function</th>
<th>List(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance Ingredient(s)</td>
<td>Not Available</td>
<td>Fragrance</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Citronellol</td>
<td>106-22-9</td>
<td>Fragrance</td>
<td>FRA</td>
</tr>
<tr>
<td>phenethyl alcohol</td>
<td>60-12-8</td>
<td>Fragrance</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>3-p-cumenvyl-2-methylpropionaldehyde</td>
<td>103-95-7</td>
<td>Fragrance</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
The ingredients of this product are reported in the following inventories:

**United States TSCA Inventory:**
All substances listed as active on the TSCA inventory

**Canadian Domestic Substances List (DSL):**
This product contains one or several components listed in the Canadian NDSL.

**Australia Inventory of Chemical Substances (AICS):**
not determined

**New Zealand. Inventory of Chemical Substances:**
not determined

**Japan. ENCS - Existing and New Chemical Substances Inventory:**
not determined

**Korea. Korean Existing Chemicals Inventory (KECI):**
not determined

**Philippines Inventory of Chemicals and Chemical Substances (PICCS):**
On the inventory, or in compliance with the inventory

**China. Inventory of Existing Chemical Substances in China (IECSC):**
On the inventory, or in compliance with the inventory

**Taiwan Chemical Substance Inventory (TCSI):**
On the inventory, or in compliance with the inventory

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**SECTION 16. OTHER INFORMATION**
SAFETY DATA SHEET
ECOSPHERE SMOKE GUARD

Issuing date : 10/28/2019
Version : 1.3
Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.