

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : KEYSTONE WAVE 3D MANGO URINAL SCREEN

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 : 01/26/2022

**SECTION 2. HAZARDS IDENTIFICATION**
**GHS Classification**

Skin sensitization : Category 1

**GHS label elements**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.

Precautionary Statements : **Prevention:**  
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.  
**Response:**  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing 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

| Chemical name       | CAS-No.   | Concentration (%) |
|---------------------|-----------|-------------------|
| solvents /additives | 5413-60-5 | 1 - 5             |
| 2-phenoxyethanol    | 122-99-6  | 1 - 5             |

## SAFETY DATA SHEET

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|  |            |         |
|--|------------|---------|
| 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate | 17511-60-3 | 1 - 5   |
| Amyl cinnamal  | 122-40-7   | 1 - 5   |
| terpineol  | 8000-41-7  | 1 - 5   |
| Eugenol  | 97-53-0    | 1 - 5   |
| solvents /additives  | 88-41-5    | 1 - 5   |
| 3-methylbutyl butyrate                                       | 106-27-4   | 1 - 5   |
| 3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-                | 68039-49-6 | 0.1 - 1 |

#### SECTION 4. FIRST AID MEASURES

|   |  |
|---|--|
| In case of eye contact                                      | : Rinse with plenty of water.  |
| 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:<br>Carbon oxides  |
| Special protective equipment for fire-fighters | : Use personal protective equipment.  |
| 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.   |

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Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.

#### 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 : 0 °C to 50 °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 : No special protective equipment required.

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

Appearance : solid  
Color : orange  
Odor : fruity  
pH : Not applicable  
Flash point : Not applicable  
Odor Threshold : No data available  
Melting point/freezing point : No data available  
Initial boiling point and boiling range : No data available  
Evaporation rate : No data available

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|  |  |
|--|--|
| Flammability (solid, gas)              | : Not applicable   |
| Upper explosion limit                  | : No data available  |
| Lower explosion limit                  | : No data available  |
| Vapor pressure                         | : No data available  |
| Relative vapor density                 | : No data available  |
| Relative density                       | : No data available  |
| Water solubility                       | : soluble  |
| Solubility in other solvents           | : No data available  |
| Partition coefficient: n-octanol/water | : No data available  |
| Autoignition temperature               | : No data available  |
| Thermal decomposition                  | : No data available  |
| Viscosity, kinematic                   | : No data available  |
| Explosive properties                   | : No data available  |
| Oxidizing properties                   | : The substance or mixture is not classified as oxidizing. |
| Molecular weight                       | : No data available  |
| VOC                                    | : No data available  |

### SECTION 10. STABILITY AND REACTIVITY

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : No dangerous reaction known under conditions of normal use.                                |
| Chemical stability                 | : Stable under normal conditions.  |
| Possibility of hazardous reactions | : No dangerous reaction known under conditions of normal use.                                |
| Conditions to avoid                | : None known.  |
| Incompatible materials             | : None known.  |
| Hazardous decomposition products   | : In case of fire hazardous decomposition products may be produced such as:<br>Carbon oxides |

### SECTION 11. TOXICOLOGICAL INFORMATION

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

#### Potential Health Effects

|                  |   |
|------------------|---|
| Eyes             | : Health injuries are not known or expected under normal use. |
| Skin             | : 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. |

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### KEYSTONE WAVE 3D MANGO URINAL SCREEN

#### Experience with human exposure

|              |   |
|--------------|---|
| Eye contact  | : No symptoms known or expected.          |
| 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         | : 4 h Acute toxicity estimate : 33.67 mg/l<br>Test atmosphere: dust/mist |
| 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  |

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

|                       |  |
|-----------------------|--|
| Environmental Effects | : 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 | : solvents /additives<br>96 h LC50 Oncorhynchus mykiss (rainbow trout): 10.89 mg/l<br>Test substance: Information given is based on data obtained from similar substances.<br><br>2-phenoxyethanol<br>96 h LC50 Pimephales promelas: 344 mg/l |
|------------------|---|

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3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate  
96 h LC50 Fish: 6.75 mg/l

Eugenol  
96 h LC50 Danio rerio (zebra fish): 13 mg/l

3-methylbutyl butyrate  
LC50: 6 mg/l

#### Components

Toxicity to daphnia and other aquatic invertebrates : solvents /additives  
48 h EC50: 53.81 mg/l

2-phenoxyethanol  
48 h EC50 Daphnia magna (Water flea): > 500 mg/l

Eugenol  
48 h EC50 Daphnia magna (Water flea): 1.13 mg/l

3-methylbutyl butyrate  
EC50: 4.6 mg/l

#### Components

Toxicity to algae : solvents /additives  
72 h EC50: 13.075 mg/l  
72 h NOEC: 1.706 mg/l

2-phenoxyethanol  
72 h EC50 Desmodesmus subspicatus (green algae): > 100 mg/l

Amyl cinnamal  
72 h EC50: 1.18 mg/l

Eugenol  
72 h EC50 Desmodesmus subspicatus (green algae): 24 mg/l

3-methylbutyl butyrate  
EC50: 9.158 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

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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 re-use 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** : Respiratory or skin sensitization

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

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

|                  |          |         |
|------------------|----------|---------|
| 2-phenoxyethanol | 122-99-6 | 1 - 5 % |
|------------------|----------|---------|

#### 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.

| Chemical Name  | CAS-No.    | Function       | List(s)        |
|--|------------|----------------|----------------|
| Polyacrylates  | 24937-78-8 | Processing Aid | Not Applicable |
| solvents /additives  | 5413-60-5  | Fragrance      | Not Applicable |
| 2-phenoxyethanol   | 122-99-6   | Fragrance      | Not Applicable |
| 3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate | 17511-60-3 | Fragrance      | Not Applicable |
| Benzyl benzoate  | 120-51-4   | Fragrance      | FRA            |
| Amyl cinnamal  | 122-40-7   | Fragrance      | FRA            |
| terpineol  | 8000-41-7  | Fragrance      | Not Applicable |
| undecan-4-olide  | 104-67-6   | Dye            | Not Applicable |

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|   |            |            |                |
|---|------------|------------|----------------|
| Perfume ingredient                                      | 10094-34-5 | Dye        | Not Applicable |
| oxiranecarboxylic acid, 3-methyl-3-phenyl-, ethyl ester | 77-83-8    | Fragrance  | Not Applicable |
| Eugenol   | 97-53-0    | Fragrance  | FRA            |
| alpha,alpha-dimethylphenethyl acetate                   | 151-05-3   | Deodorizer | Not Applicable |
| solvents /additives                                     | 88-41-5    | Fragrance  | Not Applicable |
| 3-methylbutyl butyrate                                  | 106-27-4   | Fragrance  | Not Applicable |
| Alpha-Isomethyl Ionone                                  | 127-51-5   | Fragrance  | FRA            |
| 3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-           | 68039-49-6 | Deodorizer | Not Applicable |
| Coumarin  | 91-64-5    | Fragrance  | FRA            |
| Citral  | 5392-40-5  | Fragrance  | FRA            |

\*refer to [ecolab.com/sds](http://ecolab.com/sds) for electronic links to designated lists

**The ingredients of this product are reported in the following inventories:**

**United States TSCA Inventory :**

All components are listed or exempted.

**Canadian Domestic Substances List (DSL) :**

All components of this product are on the Canadian DSL

**Australia. Australian Industrial Chemicals Introduction Scheme (AICIS) :**

On the inventory, or in compliance with the inventory

**New Zealand. Inventory of Chemical Substances :**

not determined

**Japan. ENCS - Existing and New Chemical Substances Inventory :**

not determined

**Korea. Korean Existing Chemicals Inventory (KECI) :**

On the inventory, or in compliance with the inventory

**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

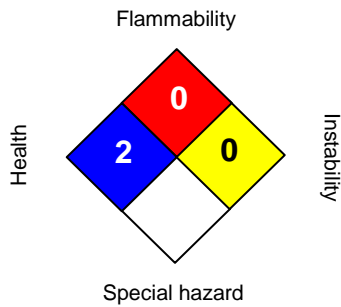
### SECTION 16. OTHER INFORMATION



# SAFETY DATA SHEET

## KEYSTONE WAVE 3D MANGO URINAL SCREEN

### NFPA:



### HMIS III:

|                        |           |
|------------------------|-----------|
| <b>HEALTH</b>          | <b>2*</b> |
| <b>FLAMMABILITY</b>    | <b>0</b>  |
| <b>PHYSICAL HAZARD</b> | <b>0</b>  |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Issuing date : 01/26/2022  
Version : 1.2  
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.