



## SAFETY DATA SHEET

### CHOREMATE HANDMATE

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CHOREMATE HANDMATE

Other means of identification : Not applicable

Recommended use : Cleaning product

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : No dilution information provided.

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 : 04/24/2019

#### SECTION 2. HAZARDS IDENTIFICATION

##### GHS Classification

Eye irritation : Category 2B

##### GHS label elements

Signal Word : Warning

Hazard Statements : Causes eye irritation.

Precautionary Statements : **Prevention:**  
Wash skin thoroughly after handling.  
**Response:**  
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.

Other hazards : None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

| Chemical name  | CAS-No.    | Concentration (%) |
|--|------------|-------------------|
| Sodium Petroleum Sulfonate   | 68608-26-4 | 10 - 30           |
| poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-<br>amines, coco alkyldimethyl, n-oxides | 9043-30-5  | 1 - 5             |
|  | 61788-90-7 | 1 - 5             |

#### SECTION 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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|   |   |
|---|---|
|   | 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. Get medical attention if irritation develops and persists. |
| If swallowed  | : Rinse mouth. Get medical attention if symptoms occur.   |
| If inhaled  | : Remove to fresh air. Treat symptomatically. 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

|  |   |
|--|---|
| 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 adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. 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). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

### SECTION 7. HANDLING AND STORAGE

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- Advice on safe handling : Avoid contact with skin and eyes. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
- Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling.
- Conditions for safe storage : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
- Keep out of reach of children. Store in suitable labeled containers.
- Storage temperature : -10 °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.
- Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Personal protective equipment

- Eye protection : Wear eye protection/ face protection.
- 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. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Color : pink
- Odor : slight
- pH : 8.92, (100 %)
- Flash point : Not applicable, Does not sustain combustion.
- Odor Threshold : No data available
- Melting point/freezing point : No data available

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|   |                     |
|---|---------------------|
| Initial boiling point and boiling range | : > 100 °C          |
| Evaporation rate                        | : No data available |
| Flammability (solid, gas)               | : No data available |
| 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                        | : 1.026             |
| 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                    | : No data available |
| 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.<br>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 | : Inhalation, Eye contact, Skin contact<br>Inhalation, Eye contact, Skin contact |
|--|--|

#### Potential Health Effects

|      |                              |
|------|------------------------------|
| Eyes | : Causes serious eye damage. |
|------|------------------------------|

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|                  |  |
|------------------|--|
|                  | Causes serious eye damage. Causes serious eye irritation.  |
| Skin             | : Causes skin irritation.<br>Causes skin irritation.   |
| Ingestion        | : Health injuries are not known or expected under normal use.<br>Health injuries are not known or expected under normal use. |
| Inhalation       | : Health injuries are not known or expected under normal use.<br>Health injuries are not known or expected under normal use. |
| Chronic Exposure | : Health injuries are not known or expected under normal use.<br>Health injuries are not known or expected under normal use. |

### Experience with human exposure

|              |  |
|--------------|--|
| Eye contact  | : Redness, Pain, Corrosion<br>Redness, Pain, Corrosion, Irritation |
| Skin contact | : Redness, Irritation, slight irritation<br>Redness, Irritation    |
| Ingestion    | : No symptoms known or expected.<br>No symptoms known or expected. |
| Inhalation   | : No symptoms known or expected.<br>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 | : Mild eye irritation                     |
| 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                       |

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Aspiration toxicity : No data available

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

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

#### 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 : Sodium Petroleum Sulfonate  
96 h LC50 *Cyprinodon variegatus* (sheepshead minnow): > 10,000 mg/l  
  
poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-  
96 h LC50 Fish: 0.25 mg/l  
  
amines, coco alkyldimethyl, n-oxides  
96 h LC50 Fish: 1 mg/l

#### Components

Toxicity to daphnia and other aquatic invertebrates : Sodium Petroleum Sulfonate  
48 h EC50 *Daphnia magna* (Water flea): > 1,000 mg/l

#### Components

Toxicity to algae : Sodium Petroleum Sulfonate  
72 h EC50 *Pseudokirchneriella subcapitata* (green algae): > 1,000 mg/l

#### Persistence and degradability

Poorly biodegradable

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

No data available

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance

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with local regulations. Dispose of wastes in an approved waste disposal facility.

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 re-use empty containers.  
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** : Serious eye damage or eye irritation

**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.

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

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### United States TSCA Inventory :

On the inventory, or in compliance with the inventory

### Canadian Domestic Substances List (DSL) :

All components of this product are on the Canadian DSL

### Australia Inventory of Chemical Substances (AICS) :

On the inventory, or in compliance with the inventory

### New Zealand. Inventory of Chemical Substances :

On the inventory, or in compliance with the inventory

### 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) :

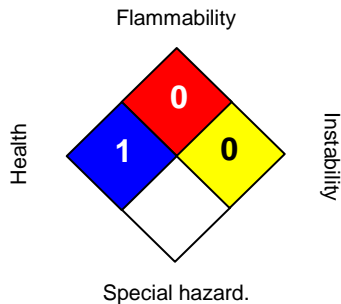
On the inventory, or in compliance with the inventory

### Taiwan Chemical Substance Inventory (TCSI) :

not determined

## SECTION 16. OTHER INFORMATION

### NFPA:



### HMIS III:

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>1</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 : 04/24/2019  
Version : 1.0  
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.

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