SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOW TEMP LAUNDRY SOLID DESTAINER

Other means of identification: Not applicable

Recommended use: Laundry product

Restrictions on use: Reserved for industrial and professional use.

Product dilution information: 0.01 % - 0.019 %

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: 03/19/2018

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Product AS SOLD
Acute toxicity (Oral): Category 4
Eye irritation: Category 2A

Product AT USE DILUTION
Not a hazardous substance or mixture.

GHS label elements

Product AS SOLD
Hazard pictograms: ![Warning]

Signal Word: Warning

Hazard Statements: Harmful if swallowed.
Causes serious eye irritation.

Precautionary Statements: Prevention:
Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Response:
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. 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.

Storage: Store in accordance with local regulations.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Product AT USE DILUTION
Precautionary Statements
Prevention:
Wash hands thoroughly after handling.
Response:
Get medical advice/ attention if you feel unwell.
Storage:
Store in accordance with local regulations.

Product AS SOLD
Other hazards:
Mixing this product with acid or ammonia releases chlorine gas.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product AS SOLD
Pure substance/mixture:
Mixture

Chemical name:
Sodium dichloro-s-triazinetrione dihydrate
CAS-No.:
51580-86-0
Concentration (%):
60 - 100

Product AT USE DILUTION
No hazardous ingredients

SECTION 4. FIRST AID MEASURES

Product AS SOLD
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:
Rinse with plenty of water.

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.

Product AT USE DILUTION
In case of eye contact:
Rinse with plenty of water.

In case of skin contact:
Rinse with plenty of water.

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

If inhaled:
Get medical attention if symptoms occur.
## SECTION 5. FIRE-FIGHTING MEASURES

### Product AS SOLD

| 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 Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus |
| 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

### Product AS SOLD

| 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 | Sweep up and shovel into suitable containers for disposal. |

### Product AT USE DILUTION

| Personal precautions, protective equipment and emergency procedures | Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | No special environmental precautions required. |
| 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

### Product AS SOLD

| Advice on safe handling | Do not ingest. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Mixing this product with acid or ammonia releases chlorine gas. |
SAFETY DATA SHEET

LOW TEMP LAUNDRY SOLID DESTAINER

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

Storage temperature: 0 °C to 50 °C

Product AT USE DILUTION
Advice on safe handling: Wash hands after handling. For personal protection see section 8.

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Product AS SOLD
Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Form of exposure</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>chlorine</td>
<td>7782-50-5</td>
<td>TWA</td>
<td>0.5 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ceiling</td>
<td>0.5 ppm 1.45 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>1 ppm 3 mg/m3</td>
<td>OSHA Z1</td>
</tr>
</tbody>
</table>

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

Personal protective equipment

Eye protection: Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.

Hand protection: No special protective equipment required.

Skin protection: No special protective equipment required.

Respiratory protection: No special protective equipment required.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

Product AT USE DILUTION
Engineering measures: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection: No special protective equipment required.

Hand protection: No special protective equipment required.

Skin protection: No special protective equipment required.

Respiratory protection: No personal respiratory protective equipment normally required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
## SAFETY DATA SHEET

### LOW TEMP LAUNDRY SOLID DESTAINER

<table>
<thead>
<tr>
<th>Property</th>
<th>Product AS SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Cast Solid</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>opaque, white</td>
<td>colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Chlorine</td>
<td>Chlorine</td>
</tr>
<tr>
<td>pH</td>
<td>6.25 - 7.25, (1 %)</td>
<td>5.3 - 7.3</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>&gt; 100 °C</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>VOC</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 10. STABILITY AND REACTIVITY

#### Product AS SOLD

- **Chemical stability**: Stable under normal conditions.
- **Possibility of hazardous reactions**: Mixing this product with acid or ammonia releases chlorine gas.
- **Conditions to avoid**: None known.
- **Incompatible materials**: Acids, Bases, Metals, Organic materials
- **Hazardous decomposition products**: Decomposition products may include the following materials: Carbon oxides
Nitrogen oxides (NOx)
Sulfur oxides
Oxides of phosphorus

### SECTION 11. TOXICOLOGICAL INFORMATION

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

**Potential Health Effects**

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th>Eyes</th>
<th>Skin</th>
<th>Ingestion</th>
<th>Inhalation</th>
<th>Chronic Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Product AS SOLD</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Product AT USE DILUTION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Experience with human exposure**

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th>Eye contact</th>
<th>Skin contact</th>
<th>Ingestion</th>
<th>Inhalation</th>
<th>Chronic Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Product AT USE DILUTION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity**

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th>Acute oral toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acute toxicity estimate: 1,833 mg/kg</td>
</tr>
</tbody>
</table>
## Acute inhalation toxicity
No data available

## Acute dermal toxicity
No data available

## 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

### Ingredients

**Acute dermal toxicity**
Sodium dichloro-s-triazinetrione dihydrate

**LD50 Rat**:
> 5,000 mg/kg

### SECTION 12. ECOLOGICAL INFORMATION

**Product AS SOLD**

**Ecotoxicity**

**Environmental Effects**
Very 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

**Ingredients**

**Toxicity to daphnia and other aquatic invertebrates**
Sodium dichloro-s-triazinetrione dihydrate

**48 h EC50 Daphnia**:
0.196 mg/l

**Persistence and degradability**

**Product AS SOLD**
Readily biodegradable.

**Product AT USE DILUTION**
Readily biodegradable.

**Bioaccumulative potential**
No data available

**Mobility in soil**
No data available

**Other adverse effects**
SECTION 13. DISPOSAL CONSIDERATIONS

Product AS SOLD
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 re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

Product AT USE DILUTION
Disposal methods: Diluted product can be flushed to sanitary sewer.

Disposal considerations: Dispose of in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Product AS SOLD
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)
UN number: 3077
Description of the goods: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (trocloseen sodium, dihydrate)
Class: 9
Packing group: III
Marine pollutant: yes

SECTION 15. REGULATORY INFORMATION

Product AS SOLD
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: Acute toxicity (any route of exposure)
Serious eye damage or eye irritation

SARA 302: This material does not contain any components with a section 302 EHS TPQ.
SAFETY DATA SHEET
LOW TEMP LAUNDRY SOLID DESTAINER

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:

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: On the inventory, or in compliance with the inventory

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

Product AS SOLD

<table>
<thead>
<tr>
<th>NFPA:</th>
<th>HMIS III:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>HEALTH 2</td>
</tr>
<tr>
<td>Health</td>
<td>FLAMMABILITY 0</td>
</tr>
<tr>
<td>Instability</td>
<td>PHYSICAL HAZARD 0</td>
</tr>
</tbody>
</table>

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

Product AT USE DILUTION
The information provided in this Material 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.