SAFETY DATA SHEET

NO/LOW MAINTENANCE FLOORING CLEANER AND PROTECTOR

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : NO/LOW MAINTENANCE FLOORING CLEANER AND PROTECTOR
Other means of identification : Not applicable.
Recommended use : Floor Cleaner
Restrictions on use : Reserved for industrial and professional use.
Product dilution information : 0.39 % - 2.34 %

Company : Ecolab Co.
5105 Tomken Road
Mississauga, Ontario Canada L4W 2X5
1-800-352-5326

Emergency health information : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)
Issuing date : 06/08/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Product AS SOLD
Serious eye damage : Category 1

Product AT USE DILUTION
Not a hazardous substance or mixture.

GHS Label element

Product AS SOLD
Hazard pictograms : ☐

Signal Word : Danger
Hazard Statements : Causes serious eye damage.
Precautionary Statements : Prevention:
Wear eye protection/face protection.
Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

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.
Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product AS SOLD
Pure substance/mixture : Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration: (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fattyalcohol ethoxylates &gt; C15 and =/&lt; 5EO</td>
<td>160875-66-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td>111-90-0</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Product AT USE DILUTION
No hazardous ingredients

Section: 4. FIRST AID MEASURES

Product AS SOLD
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.

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. FIREFIGHTING 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 firefighting: Not flammable or combustible.

Hazardous combustion products: Decomposition products may include the following materials:
- Carbon oxides
- Nitrogen oxides (NOx)
- Sulphur oxides

Special protective equipment and precautions for firefighters: 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.

Risk of explosion: Not available.

Section: 6. ACCIDENTAL RELEASE MEASURES

Product AS SOLD
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.

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 get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment.
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(PPE).

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. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). 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**

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Form of exposure</th>
<th>Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td>111-90-0</td>
<td>TWA</td>
<td>30 ppm 165 mg/m³</td>
<td>CA ON OEL</td>
</tr>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td>111-90-0</td>
<td>TWA</td>
<td>25 ppm</td>
<td>AIHA WEEL</td>
</tr>
</tbody>
</table>

Engineering measures : 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 : No special protective equipment required.

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.

**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
## Product AS SOLD vs Product AT USE DILUTION

<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>liquid</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>cloudy, white</td>
<td>white</td>
</tr>
<tr>
<td>Odour</td>
<td>pleasant</td>
<td>pleasant</td>
</tr>
<tr>
<td>pH</td>
<td>7.5 - 9.0, (100 %)</td>
<td>8.0 - 9.5</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Odour 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>Not applicable.</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>Vapour pressure</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Relative vapour 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>Auto-ignition 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

**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:

- Carbon oxides

---

919226-04 5 / 10
nitrogen oxides (NOx)
Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

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

Potential Health Effects

Product AS SOLD

Eyes
Causes serious eye damage.

Skin
Health injuries are not known or expected under normal use.

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.

Product AT USE DILUTION

Eyes
Health injuries are not known or expected under normal use.

Skin
Health injuries are not known or expected under normal use.

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

Product AS SOLD

Eye contact
Redness, Pain, Corrosion

Skin contact
No symptoms known or expected.

Ingestion
No symptoms known or expected.

Inhalation
No symptoms known or expected.

Product AT USE DILUTION

Eye contact
No symptoms known or expected.

Skin contact
No symptoms known or expected.

Ingestion
No symptoms known or expected.

Inhalation
No symptoms known or expected.

Toxicity

Product AS SOLD

Acute oral toxicity
no data available

Acute inhalation toxicity
no data available
### SAFETY DATA SHEET

**NO/LOW MAINTENANCE FLOORING CLEANER ANDprotector**

<table>
<thead>
<tr>
<th>Acute dermal toxicity</th>
<th>no data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>no data available</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>no data available</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>no data available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>no data available</td>
</tr>
<tr>
<td>Reproductive effects</td>
<td>no data available</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>no data available</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>no data available</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>no data available</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>no data available</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>no data available</td>
</tr>
</tbody>
</table>

#### Components

**Acute oral toxicity**  
Fatty alcohol ethoxylates > C15 and =/< 5EO  
LD50 rat: > 2,000 mg/kg

2-(2-ethoxyethoxy)ethanol  
LD50 rat: 5,600 mg/kg

**Components**

**Acute dermal toxicity**  
2-(2-ethoxyethoxy)ethanol  
LD50 rabbit: 8,476 mg/kg

### Section: 12. ECOLOGICAL INFORMATION

**Product AS SOLD**

**Ecotoxicity**

**Environmental Effects**  
Harmful 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**  
2-(2-ethoxyethoxy)ethanol  
96 h LC50 Ictalurus punctatus (channel catfish): 6,010 mg/l

**Components**

**Toxicity to daphnia and other aquatic invertebrates**  
Fatty alcohol ethoxylates > C15 and =/< 5EO  
48 h Daphnia magna (Water flea): > 1 mg/l  
2-(2-ethoxyethoxy)ethanol  
48 h LC50 Daphnia magna (Water flea): 1,982 mg/l

**Components**

**Toxicity to algae**  
2-(2-ethoxyethoxy)ethanol
96 h EC50 Desmodesmus subspicatus (green algae): > 100 mg/l
Test substance: Information given is based on data obtained from similar substances.
96 h NOEC Desmodesmus subspicatus (green algae): > 100 mg/l
Test substance: Information given is based on data obtained from similar substances.

Persistence and degradability
Product AS SOLD
no data available

Product AT USE DILUTION
no data available

Bioaccumulative potential
no data available

Mobility in soil
no data available

Other adverse effects
no data available

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 (TDG)
Not dangerous goods

Sea transport (IMDG/IMO)
Not dangerous goods
Section: 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

The components 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. Industrial Chemical (Notification and Assessment) Act:
not determined

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand:
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):
not determined

China Inventory of Existing Chemical Substances:
not determined

Taiwan Chemical Substance Inventory:
not determined

Section: 16. OTHER INFORMATION

Product AS SOLD

NFPA:

- Flammability
  - 0
- Health
  - 3
- Instability
  - 0

Special hazard.

HMIS III:

- HEALTH: 3
- FLAMMABILITY: 0
- PHYSICAL HAZARD: 0

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

Product AT USE DILUTION
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.