SAFETY DATA SHEET

MAXX FLOOR STRIPPER

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MAXX FLOOR STRIPPER
Other means of identification: Not applicable.
Recommended use: Floor Stripper
Restrictions on use: Reserved for industrial and professional use.
Product dilution information: 5.0 % - 25.0 %

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: 11/19/2019

Section: 2. HAZARDS IDENTIFICATION

GHS Classification
Product AS SOLD
Acute toxicity (Oral): Category 4
Skin corrosion: Category 1A
Serious eye damage: Category 1
Specific target organ toxicity - single exposure: Category 3 (Respiratory system)

Product AT USE DILUTION
Skin corrosion: Category 1A
Serious eye damage: Category 1

GHS Label element
Product AS SOLD
Hazard pictograms: 

Signal Word: Danger
Hazard Statements: Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation.
Precautionary Statements: Prevention:
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you
feel unwell. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. 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. Wash contaminated clothing before reuse.

**Storage:**
Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal:**
Dispose of contents/container to an approved waste disposal plant.

---

**Product AT USE DILUTION**

| Hazard pictograms | : |

| Signal Word | : Danger |

| Hazard Statements | : Causes severe skin burns and eye damage. |

| Precautionary Statements | : Prevention: Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. 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. Wash contaminated clothing before reuse. Storage: Store locked up. Disposal: Dispose of contents/container to an approved waste disposal plant. |

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**Product AS SOLD**

| Other hazards | : None known. |

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**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>Benzyl alcohol</td>
<td>100-51-6</td>
<td>30 - 60</td>
</tr>
<tr>
<td>monoethanolamine</td>
<td>141-43-5</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts</td>
<td>68081-81-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>poly(oxy-1,2-ethanediyl), .alpha.-[3,5-dimethyl-1-(2-methylpropyl)hexyl]-.omega.-hydroxy-</td>
<td>60828-78-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium Oleate</td>
<td>143-19-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td>sodium hydroxide</td>
<td>1310-73-2</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>
## SAFETY DATA SHEET

### MAXX FLOOR STRIPPER

#### Product AT USE DILUTION

<table>
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<tr>
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<td>10 - 30</td>
</tr>
<tr>
<td>monoethanolamine</td>
<td>141-43-5</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

#### 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: 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 immediately.

If swallowed: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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 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: 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 immediately.

If swallowed: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled: Remove to fresh air. Treat symptomatically. 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.
SAFETY DATA SHEET

MAXX FLOOR STRIPPER

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 : 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.

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Section: 7. HANDLING AND STORAGE

Product AS SOLD

Advice on safe handling : Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate
ventilation. 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).


Storage temperature: 0 °C to 50 °C

Product AT USE DILUTION
Advice on safe handling: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. 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.

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>monoethanolamine</td>
<td>141-43-5</td>
<td>STEL</td>
<td>6 ppm 15 mg/m3</td>
<td>CAD AB OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>3 ppm 7.5 mg/m3</td>
<td>CAD AB OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>3 ppm 7.5 mg/m3</td>
<td>CAD BC OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>6 ppm 7.5 mg/m3</td>
<td>CAD BC OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VME</td>
<td>3 ppm 7.5 mg/m3</td>
<td>OEL (QUE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEV</td>
<td>6 ppm 15 mg/m3</td>
<td>OEL (QUE)</td>
</tr>
<tr>
<td>monoethanolamine</td>
<td>141-43-5</td>
<td>TWA</td>
<td>3 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>6 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>3 ppm 8 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>6 ppm 15 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>3 ppm 6 mg/m3</td>
<td>OSHA Z1</td>
</tr>
<tr>
<td>sodium hydroxide</td>
<td>1310-73-2</td>
<td>(c)</td>
<td>2 mg/m3</td>
<td>CAD AB OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>2 mg/m3</td>
<td>CAD BC OEL</td>
</tr>
<tr>
<td>sodium hydroxide</td>
<td>1310-73-2</td>
<td>Ceiling</td>
<td>2 mg/m3</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ceiling</td>
<td>2 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>2 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: 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: Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing.

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. 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: Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

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: Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing.

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>milky, amber</td>
</tr>
<tr>
<td>Odour</td>
<td>sweet</td>
</tr>
<tr>
<td>pH</td>
<td>13.5 - 14.0, (100 %)</td>
</tr>
<tr>
<td>Flash point</td>
<td>closed cup</td>
</tr>
<tr>
<td>Odour 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>&gt; 100 °C</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>
</tbody>
</table>
Vapour pressure : no data available
Relative vapour density : no data available
Relative density : 1.053
Water solubility : soluble
Solubility in other solvents : no data available
Partition coefficient: n-octanol/water : no data available
Auto-ignition 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**

**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 : Acids
Metals
Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:
Carbon oxides
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 : Causes severe skin burns.
Ingestion : Harmful if swallowed. Causes digestive tract burns.
Inhalation : May cause respiratory tract irritation. May cause nose, throat, and lung irritation.
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MAXX FLOOR STRIPPER

<table>
<thead>
<tr>
<th>Chronic Exposure</th>
<th>Health injuries are not known or expected under normal use.</th>
</tr>
</thead>
</table>

### Product AT USE DILUTION

| Eyes                                      | Causes serious eye damage.                                      |
| Skin                                     | Causes severe skin burns.                                      |
| Ingestion                                | Causes digestive tract burns.                                  |
| Inhalation                               | May cause nose, throat, and lung irritation.                    |

| 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**
- Redness, Pain, Corrosion

**Ingestion**
- Corrosion, Abdominal pain

**Inhalation**
- Respiratory irritation, Cough

#### Product AT USE DILUTION

**Eye contact**
- Redness, Pain, Corrosion

**Skin contact**
- Redness, Pain, Corrosion

**Ingestion**
- Corrosion, Abdominal pain

**Inhalation**
- Respiratory irritation, Cough

### Toxicity

#### Product AS SOLD

**Acute oral toxicity**
- Acute toxicity estimate: 1,962 mg/kg

**Acute inhalation toxicity**
- 4 h Acute toxicity estimate: 8.51 mg/l
  - Test atmosphere: dust/mist

**Acute dermal toxicity**
- Acute toxicity estimate: 2,284 mg/kg

**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
SAFETY DATA SHEET
MAXX FLOOR STRIPPER

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
Benzyl alcohol
96 h LC50 Fish: > 100 mg/l
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts
96 h LC50 Fish: 3.2 mg/l
Sodium Oleate
96 h LC50 Fish: 44.1 mg/l

Components
Toxicity to daphnia and other aquatic invertebrates
monoethanolamine
48 h LC50: 65 mg/l
sodium hydroxide
48 h EC50: 40 mg/l

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 reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

<table>
<thead>
<tr>
<th>Product AT USE DILUTION</th>
<th>Disposal methods</th>
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<td></td>
</tr>
</tbody>
</table>

**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)**

- UN number : 2491
- Description of the goods : ETHANOLAMINE SOLUTION
- Class : 8
- Packing group : III
- Environmentally hazardous : No

**Sea transport (IMDG/IMO)**

- UN number : 2491
- Description of the goods : ETHANOLAMINE SOLUTION
- Class : 8
- Packing group : III
- Marine pollutant : No

**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** :
On TSCA Inventory

**Canadian Domestic Substances List (DSL)** :
This product contains one or several components that are not on the Canadian DSL nor 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
Section: 16. OTHER INFORMATION

Product AS SOLD
NFPA:

**HMIS III:**

![Flammability Health Instability]

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

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

Product AT USE DILUTION
NFPA:

**HMIS III:**

![Flammability Health Instability]

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

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

Issuing date : 11/19/2019
Version : 2.0
Prepared by : Regulatory Affairs 1-800-352-5326

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.