SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

Other means of identification: Not applicable

Recommended use: Glass Cleaner

Restrictions on use: Reserved for industrial and professional use.

Product dilution information: 3.13% - 6.25%

Company: Ecolab Inc.
370 N. Wabasha Street
St. Paul, Minnesota USA 55102
1-800-352-5326

Emergency telephone: 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date: 01/02/2015

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Product AS SOLD
Flammable liquids: Category 4
Eye irritation: Category 2A
Specific target organ systemic toxicity - single exposure: Category 3 (Central nervous system)

Product AT USE DILUTION
Not a hazardous substance or mixture.

GHS Label element

Product AS SOLD
Hazard pictograms:

Signal Word: Warning

Hazard Statements: Combustible liquid.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statements: Prevention:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/ face protection.
Response:
IF INHALED: Remove victim to fresh air and keep at rest in a position
comfortable for breathing. 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. Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**Storage:**

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

### Product AT USE DILUTION

<table>
<thead>
<tr>
<th>Precautionary Statements</th>
<th>:</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prevention:</strong></td>
<td>Wash hands thoroughly after handling.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Response:</strong></td>
<td>Get medical advice/attention if you feel unwell.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Storage:</strong></td>
<td>Store in accordance with local regulations.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other hazards:** None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Product AS SOLD

<table>
<thead>
<tr>
<th>Pure substance/mixture</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td>:</td>
<td>:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Chemical Name</strong></th>
<th><strong>CAS-No.</strong></th>
<th><strong>Concentration (%)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCOLS - Glycolethers</td>
<td>1569-01-3</td>
<td>10 - 30</td>
</tr>
<tr>
<td>monoethanolamine</td>
<td>141-43-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>sulfuric acid, mono-c10-16-alkyl esters, sodium salts</td>
<td>68585-47-7</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

### SECTION 4. FIRST AID MEASURES

#### Product AS SOLD

<table>
<thead>
<tr>
<th>In case of eye contact</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IF IN EYES:</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>In case of skin contact</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rinse with plenty of water.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>If swallowed</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rinse mouth. Get medical attention if symptoms occur.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>If inhaled</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Protection of first-aiders</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>If potential for exposure exists refer to Section 8 for specific personal protective equipment.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Notes to physician</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Treat symptomatically.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Most important symptoms and effects, both acute and</th>
<th>:</th>
<th>:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>See Section 11 for more detailed information on health effects and symptoms.</td>
<td></td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

Product AT USE DILUTION

<table>
<thead>
<tr>
<th>Event</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>In case of eye contact</td>
<td>Rinse with plenty of water.</td>
</tr>
<tr>
<td>In case of skin contact</td>
<td>Rinse with plenty of water.</td>
</tr>
<tr>
<td>If swallowed</td>
<td>Rinse mouth. Get medical attention if symptoms occur.</td>
</tr>
<tr>
<td>If inhaled</td>
<td>Get medical attention if symptoms occur.</td>
</tr>
</tbody>
</table>

SECTION 5. FIRE-FIGHTING MEASURES

Product AS SOLD

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable extinguishing media</td>
<td>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.</td>
</tr>
<tr>
<td>Unsuitable extinguishing media</td>
<td>High volume water jet</td>
</tr>
</tbody>
</table>
| Specific hazards during fire fighting | Fire Hazard  
Keep away from heat and sources of ignition.  
Flash back possible over considerable distance. |
| 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

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions, protective equipment and emergency procedures</td>
<td>Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.</td>
</tr>
<tr>
<td>Environmental precautions</td>
<td>Do not allow contact with soil, surface or ground water.</td>
</tr>
<tr>
<td>Methods and materials for containment and cleaning up</td>
<td>Eliminate all ignition sources if safe to do so. 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). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.</td>
</tr>
</tbody>
</table>

Product AT USE DILUTION

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions, protective equipment and emergency procedures</td>
<td>Refer to protective measures listed in sections 7 and 8.</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

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). 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 : Avoid contact with skin and eyes. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Keep away from fire, sparks and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wash hands thoroughly after handling.


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>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>
</tbody>
</table>

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

Personal protective equipment

Eye protection : Safety glasses with side-shields
Hand protection : No special protective equipment required.
Skin protection : No special protective equipment required.
Respiratory protection : When workers are facing concentrations above the exposure limit they
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

<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>Color</td>
<td>blue</td>
<td>light blue</td>
</tr>
<tr>
<td>Odor</td>
<td>pungent</td>
<td>pungent</td>
</tr>
<tr>
<td>pH</td>
<td>10.7, 100 %</td>
<td>10.4 - 10.5</td>
</tr>
<tr>
<td>Flash point</td>
<td>62 °C closed cup</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>No data available</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>0.996</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</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>
</tbody>
</table>
OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

SECTION 10. STABILITY AND REACTIVITY

Product AS SOLD
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
Conditions to avoid : Heat, flames and sparks.
Incompatible materials : Acids
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 : Inhalation, Eye contact, Skin contact

Potential Health Effects

Product AS SOLD
Eyes : Causes serious eye irritation.
Skin : Health injuries are not known or expected under normal use.
Ingestion : Health injuries are not known or expected under normal use.
Inhalation : Inhalation may cause central nervous system effects.
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, Irritation
Skin contact : No symptoms known or expected.
SAFETY DATA SHEET
OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

Ingestion : No symptoms known or expected.
Inhalation : Dizziness, Drowsiness

**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 : Acute toxicity estimate : > 5,000 mg/kg
Acute inhalation toxicity : 4 h Acute toxicity estimate : > 40 mg/l
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**

**Product AS SOLD**
Ecotoxicity
Environmental Effects : This product has no known ecotoxicological effects.

**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 fish : GLYCOLS -Glycolethers
96 h LC50 Fish: > 100 mg/l
Toxicity to daphnia and other : monoethanolamine
aquatic invertebrates 48 h EC50 Daphnia : 65 mg/l
sulfuric acid, mono-c10-16-alkyl esters, sodium salts
48 h EC50 Daphnia : 1.37 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

Product AS SOLD
Disposal methods : 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)
Not dangerous goods

Product AT USE DILUTION
Not intended for transport.

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
- Fire Hazard
- Acute Health Hazard

SARA 302
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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 TSCA Inventory

Canadian Domestic Substances List (DSL):
All components of this product are on the Canadian DSL.

Australia Inventory of Chemical Substances (AICS):
not determined

New Zealand. Inventory of Chemical Substances:
not determined

Japan. ENCS - Existing and New Chemical Substances Inventory:
not determined

Japan. ISHL - Inventory of Chemical Substances (METI):
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 in China (IECSC):
not determined

SECTION 16. OTHER INFORMATION

Product AS SOLD
SAFETY DATA SHEET
OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

NFPA:

HMIS III:

Product AT USE DILUTION

Issuing date: 01/02/2015
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.

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.