SAFETY DATA SHEET

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : EASY SCRUB BLUE
Other means of identification : Not applicable.
Recommended use : Cleaning product
Restrictions on use : Reserved for industrial and professional use.
Product dilution information : Product is sold ready to use.
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 : 01/07/2016

Section: 2. HAZARDS IDENTIFICATION

GHS Classification
Eye irritation : Category 2A
GHS Label element
Hazard pictograms :
Signal Word : Warning
Hazard Statements : Causes serious eye irritation.
Precautionary Statements : Prevention:
Wash skin thoroughly after handling. 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. If eye irritation persists: Get medical advice/attention.
Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration: (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>silica, crystalline - quartz</td>
<td>14808-60-7</td>
<td>30 - 60</td>
</tr>
<tr>
<td>alcohol ethoxylate</td>
<td>68439-46-3</td>
<td>5 - 10</td>
</tr>
<tr>
<td>sodium dodecylbenzene sulfonate</td>
<td>25155-30-0</td>
<td>5 - 10</td>
</tr>
</tbody>
</table>

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.

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.

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. FIREFIGHTING MEASURES

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
- Oxides of phosphorus

Special protective equipment 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

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: 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**

Advice on safe handling: Avoid contact with skin and eyes. Wash hands thoroughly after handling.

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

Storage temperature: 10 °C to 45 °C

**Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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>silica, crystalline - quartz</td>
<td>14808-60-7</td>
<td>TWA (Respirable fraction)</td>
<td>0.1 mg/m³</td>
<td>CA ON OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable particles.)</td>
<td>0.025 mg/m³</td>
<td>CAD AB OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VME (respirable dust)</td>
<td>0.1 mg/m³</td>
<td>OEL (QUE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable)</td>
<td>0.025 mg/m³</td>
<td>CAD BC OEL</td>
</tr>
<tr>
<td>silica, crystalline - quartz</td>
<td>14808-60-7</td>
<td>TWA (total dust)</td>
<td>30 mg/m³ / %SiO²+2</td>
<td>OSHA Z3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (respirable)</td>
<td>10 mg/m³ / %SiO²+2</td>
<td>OSHA Z3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (respirable)</td>
<td>250 mppcf / %SiO²+5</td>
<td>OSHA Z3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable fraction)</td>
<td>0.025 mg/m³</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable dust)</td>
<td>0.05 mg/m³</td>
<td>NIOSH REL</td>
</tr>
</tbody>
</table>

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

**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: 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.
Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : blue
Odour : Perfumes, fragrances
pH : 7.0, 100 %
Flash point : Not applicable.
Odour Threshold : no data available
Melting point/freezing point : no data available
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
Vapour pressure : no data available
Relative vapour density : no data available
Relative density : 1.25
Water solubility : no data available
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 : no data available
Molecular weight : no data available
VOC : no data available

Section: 10. STABILITY AND REACTIVITY

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 : Decomposition products may include the following materials:
Carbon oxides
Nitrogen oxides (NOx)
Sulphur oxides
SAFETY DATA SHEET
EASY SCRUB BLUE

Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

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

Potential Health Effects

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
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

Eye contact
Redness, Pain, Irritation

Skin contact
No symptoms known or expected.

Ingestion
No symptoms known or expected.

Inhalation
No symptoms known or expected.

Toxicity

Acute oral toxicity
Acute toxicity estimate: > 5,000 mg/kg

Acute inhalation toxicity
no data available

Acute dermal toxicity
no data available

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

Aspiration toxicity
no data available

Components

Acute dermal toxicity
alcohol ethoxylate
LD50 rat: > 5,000 mg/kg

Section: 12. ECOLOGICAL INFORMATION
SAFETY DATA SHEET
EASY SCRUB BLUE

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: silica, crystalline - quartz
LC50 Danio rerio (zebra fish): > 10,000 mg/l
alcohol ethoxylate
96 h LC50 Fish: 8.5 mg/l
sodium dodecylbenzene sulfonate
96 h LC50: 3.2 mg/l

Components
Toxicity to daphnia and other aquatic invertebrates: silica, crystalline - quartz
72 h EC50 Daphnia magna (Water flea): > 10,000 mg/l

Components
Toxicity to algae: silica, crystalline - quartz
72 h EC50: > 1,000 mg/l

Persistence and degradability
no data available

Bioaccumulable 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 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.

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 (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** :
On TSCA Inventory

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

**Australia. Industrial Chemical (Notification and Assessment) Act** :
On the inventory, or in compliance with the inventory

**New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand** :
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

**Japan. ISHL - Inventory of Chemical Substances (METI)** :
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** :
On the inventory, or in compliance with the inventory

**Section: 16. OTHER INFORMATION**
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.