1. Identification

1.1. Product identifier
Product Identity
ECOS One Step Disinfectant Cleaner
Alternate Names
ECOS PRO One Step Disinfectant Cleaner
Intended use
Disinfectant Cleaner

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL OSHA

See product label for consumer use of product. All precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.

1.3. Details of the supplier of the safety data sheet
Company Name
Earth Friendly Products
11150 Hope Street
Cypress, CA
90630

Emergency Customer Service
24 hour Emergency Telephone No.: (800)-424-9300
704-584-0072

2. Hazard(s) identification

2.1. Classification of the substance or mixture
No applicable GHS categories.

2.2. Label elements
No applicable GHS categories.

[Prevention]:
No GHS prevention statements

[Response]:
No GHS response statements

[Storage]:
No GHS storage statements

[Disposal]:
No GHS disposal statements
3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>1 - 5</td>
<td>Acute Tox. 4;H302</td>
<td>Acid Tox. 4; H332</td>
</tr>
<tr>
<td>CAS Number: 0007722-84-1</td>
<td></td>
<td>STOT SE 3; H335; C = 35 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Dam. 1; H318: 8 % = C &lt; 50 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2; H319: 5 % = C &lt; 8 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ox. Liq. 1; H271: C = 70 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ox. Liq. 2; H272: 50 % = C &lt; 70 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Corr. 1A; H314: C = 70 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Corr. 1B; H314: 50 % = C &lt; 70 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irrit. 2; H315: 35 % = C &lt; 50 %</td>
<td></td>
</tr>
</tbody>
</table>

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance. The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and continue rinsing. Call poison control center or doctor for treatment advice. For emergency information, call your poison control center at 1-800-222-1222.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

See above general first aid.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview

Skin: Not a skin irritant
Eyes: Irritant. May cause eye irritation.
Inhale: May cause respiratory irritation of the respiratory tract.
Ingest: May cause irritation of the digestive tract. Existing skin diseases may be aggravated by overexposure.
Treat symptomatically.
Section 5. Fire-fighting measures

5.1. Extinguishing media
Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: No hazardous decomposition data available.
Do not breathe dust, fume, mist, vapors or spray.

5.3. Advice for fire-fighters
As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.
Use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions
Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

Section 7. Handling and storage

7.1. Precautions for safe handling
Handle containers carefully to prevent damage and spillage.
Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities
Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials.
Keep out of the reach of children.
Incompatible materials: Acids, strong alkali, chemical reducing agents.

7.3. Specific end use(s)
No data available.
Section 8. Exposure controls / personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0007722-84-1</td>
<td>Hydrogen Peroxide</td>
<td>OSHA</td>
<td>TWA 1 ppm (1.4 mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 1 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 1 ppm (1.4 mg/m³)</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Respiratory: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes: Protective safety glasses recommended

Skin: Wear appropriate protective gloves.

Engineering Controls: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Section 9. Physical and chemical properties

Appearance: Clear to slightly hazy, water-thin Liquid
Odor: Characteristic
Odor threshold: Not determined
pH: 1.4 - 2.4
Melting point / freezing point: Not Measured
Initial boiling point and boiling range: Not Measured
Flash Point: Not Measured
Evaporation rate (Ether = 1): Not Measured
Flammability (solid, gas): Not Applicable
Upper/lower flammability or explosive limits: Lower Explosive Limit: Not Measured, Upper Explosive Limit: Not Measured
Vapor pressure (Pa): Not Measured
Vapor Density: Not Measured
Relative Density: 1.015 - 1.025
Solubility in Water: Soluble
Partition coefficient n-octanol/water (Log Kow): Not Measured
Auto-ignition temperature: Not Measured
Decomposition temperature: Not Measured
Section 10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
No data available.

10.5. Incompatible materials
Acids, strong alkali, chemical reducing agents.

10.6. Hazardous decomposition products
No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LC50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide - (7722-84-1)</td>
<td>1,026.00, Rat - Category: 4</td>
<td>&gt;2,000.00, Rabbit - Category: 5</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Carcinogen Data

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0007722-84-1</td>
<td>Hydrogen Peroxide</td>
<td>OSHA</td>
<td>Regulated Carcinogen: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>A3</td>
</tr>
</tbody>
</table>

Classification

<table>
<thead>
<tr>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
Acute toxicity (inhalation) | --- | Not Applicable
Skin corrosion/irritation | --- | Not Applicable
Serious eye damage/irritation | --- | Not Applicable
Respiratory sensitization | --- | Not Applicable
Skin sensitization | --- | Not Applicable
Germ cell mutagenicity | --- | Not Applicable
Carcinogenicity | --- | Not Applicable
Reproductive toxicity | --- | Not Applicable
STOT-single exposure | --- | Not Applicable
STOT-repeated exposure | --- | Not Applicable
Aspiration hazard | --- | Not Applicable

Product Testing Results:
Eye Irritation: There was no corneal opacity or iritis notated at any observation period. Conjunctival irritation noted in three out of three eyes, cleared in 7 days.
There was no abnormal physical signs noted during the observation period.
Conclusion: Ocular administration of product produced irritation which cleared in 7 days.

Skin Irritation: Absent very slight erythema and no edema were observed at the 1 hour following the 4 hour exposure.
There was no abnormal physical signs noted during the observation period.
Conclusion: Product is not a dermal irritant.

Section 12. Ecological information

12.1. Toxicity
No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide - (7722-84-1)</td>
<td>16.40, Pimephales promelas</td>
<td>2.40, Daphnia pulex</td>
<td>1.38 (72 hr), Skeletonema costatum</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
There is no data available on the preparation itself.

12.3. Bioaccumulative potential
Not Measured

12.4. Mobility in soil
No data available.
12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects
No data available.

Section 13. Disposal considerations

13.1. Waste treatment methods
Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

14.1. UN number
Not Regulated
14.2. UN proper shipping name
Not Regulated
14.3. Transport hazard class(es)
DOT Hazard Class: Not Applicable
14.4. Packing group
Not Applicable
14.5. Environmental hazards
IMDG Marine Pollutant: No;
14.6. Special precautions for user: Not Applicable

Section 15. Regulatory information

Regulatory Overview
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)
All components of this material are either listed or exempt from listing on the TSCA Inventory.

EPCRA 302 Extremely Hazardous:
Hydrogen Peroxide

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):
1,4-Dioxane

Proposition 65 - Developmental Toxins (>0.0%):
Sulfur Dioxide
Proposition 65 - Female Repro Toxins (>0.0%):

Proposition 65 - Male Repro Toxins (>0.0%):

Proposition 65 Label Warning:
Optional, not legally required. No warning is required based on maximum potential Prop 65 component content and exposure assessments.

U.S. EPA Label Information:

EPA Registration Number: 85837-4

Difference between SDS and EPA (FIFRA) Pesticide label:
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:

Warning:
CAUTION: Causes moderate eye irritation.

Section 16. Other information

SDS Revision Date 06/03/2020

The full text of the phrases appearing in section 3 is:
H271 May cause fire or explosion; strong oxidizer.
H272 May intensify fire; oxidizer.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

End of Document