



**Safety Data Sheet**  
**Multi-Purpose Disinfectant**  
**Cleaner – All Scents**

SDS Revision  
Date: 06/03/2020

## 1. Identification

### 1.1. Product identifier

<b>Product Identity</b>	ECOS One Step Disinfectant Cleaner
<b>Alternate Names</b>	ECOS PRO One Step Disinfectant Cleaner
<b>Intended use</b>	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

<b>Company Name</b>	Earth Friendly Products 11150 Hope Street Cypress, CA 90630
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<b>Emergency Customer Service</b>	24 hour Emergency Telephone No.: (800)-424-9300 704-584-0072
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## 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



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## 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.

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

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

<b>General</b>	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. <b>If in eyes:</b> 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 the continue rinsing. Call poison control center or doctor for treatment advice. For emergency information, call your poison control center at 1-800-222-1222.
<b>Inhalation</b>	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.
<b>Eyes</b>	See above general first aid.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

<b>Overview</b>	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.
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## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, 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.

ERG Guide No. ----

## 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.



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**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

		Exposure	
CAS No.	Ingredient	Source	Value
0007722-84-1	Hydrogen Peroxide	OSHA	TWA 1 ppm (1.4 mg/m3)
		ACGIH	TWA: 1 ppm
		NIOSH	TWA 1 ppm (1.4 mg/m3)

**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 may be worn for protection.

**Skin** Gloves may be worn for protection. .

**Engineering Controls** General ventilation.

**Household use** No special precautions necessary as long as product is used as directed.

**Section 9. Physical and chemical properties**

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



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Viscosity (cSt)

Not Measured

**9.2. Other information**

No other relevant information.

**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).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Hydrogen Peroxide - (7722-84-1)	1,026.00, Rat - Category: 4	>2,000.00, Rabbit - Category: 5	No data available	No data available	No data available

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0007722-84-1	Hydrogen Peroxide	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
		ACGIH	A3

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable



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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 noted 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

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

### 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.



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**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**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user:</b>	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



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**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

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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.

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