

# EcoProven Disinfecting EcoFog Solution

## SAFETY DATA SHEET

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian Work Safe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** EcoProven Disinfecting EcoFog Solution  
**CHEMICAL FAMILY NAME:** Non-Ionic & Anionic Surfactants Mixture  
**CAS NUMBER:**  
**U.N. NUMBER:** Not Applicable  
**U.N. DANGEROUS GOODS CLASS:** Non-Regulated Material  
**SUPPLIER/MANUFACTURER'S NAME:** International Eco Fuel Saver, Inc. EPA Facility Id. # - 2935261  
**ADDRESS:** 725 State St. Ontario CA 91762 EPA Company Id. # - 97213  
**EMERGENCY PHONE:** TOLL-FREE in USA/Canada  
**BUSINESS PHONE:** 1-213-263-0448 (Product Information)  
**DATE OF PREPARATION:** December 1, 2011  
**DATE OF LAST REVISION:** February 12, 2021

### SECTION 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW: Product Description:** This product is a light amber liquid with a characteristic odor.  
**Health Hazards:** Exposure to this product is not expected to be a health hazard. **Flammability Hazards:** This product is non-flammable. **Reactivity Hazards:** Negligible. **Environmental Hazards:** The environmental effects of this product have not been fully investigated. All work practices should be aimed at eliminating environmental contamination.  
**Emergency Considerations:** Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

None

CANADA (WHMIS) SYMBOLS

Not Controlled

EUROPEAN and (GHS) Hazard Symbols

None

Signal Word: **Caution!**

#### EU LABELING AND CLASSIFICATION:

Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1 EC# 500-315-8  
This substance is not classified in the Annex I of Directive 67/548/EEC EC# 231-791-2 This substance is not classified in the Annex I of Directive 67/548/EEC

#### GHS Hazard Classification(s):

None

#### Hazard Statement(s):

None

#### Precautionary Statement(s):

EcoProven Dininfecting EcoFog Solution is intended for human contact and to be used in spaces that humans come in contact with and move through. It is safe for its intended use. However, if an allergic reaction occurs, seek medical attention. Keep out of eyes as burning, itching and redness may occur.

#### EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC: None

#### Risk Phrases:

None

#### Safety Phrases:

S25: Avoid contact with eyes

#### HEALTH HAZARDS OR RISKS FROM EXPOSURE:

**ACUTE:** Exposure to this product is not expected to cause irritation to respiratory system or skin. Ingestion may cause gastrointestinal irritation. Keep out of eyes.

**CHRONIC:** None known

**TARGET ORGANS:**

**ACUTE:** None known

**CHRONIC:** None known

### SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Molecular Iodine	7753-56-2	231-442-4	0167	.5	Hazard Classification: None Risk Phrase: None
Glycerin	7732-18-5	200=289=5		45	HAZARD CLASSIFICATION: None RISK PHRASES: None
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

**NOTE:** ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2004 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

## SECTION 4 - FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** Seek medical attention if an allergic reaction or irritation develops or persists.

**INHALATION:** Not considered an inhalation hazard, however if breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

**INGESTION:** If product is swallowed and an allergic reaction occurs, seek medical help. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

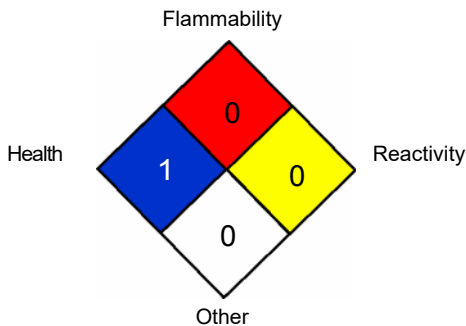
**RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and reduce over-exposure.

## SECTION 5 - FIRE-FIGHTING MEASURES

<b>FLASH POINT:</b>	Not Applicable
<b>AUTOIGNITION TEMPERATURE:</b>	Not Applicable
<b>FLAMMABLE LIMITS (in air by volume, %):</b>	<u>Lower (LEL):</u> NA <u>Upper (UEL):</u> NA
<b>FIRE EXTINGUISHING MATERIALS:</b>	Carbon dioxide, foam, dry chemical, halon, or water spray.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	This product is a combustible liquid at temperatures above flash point.
<u>Explosion Sensitivity to Mechanical Impact:</u>	Not Sensitive.
<u>Explosion Sensitivity to Static Discharge:</u>	Not Sensitive

**SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**NFPA RATING SYSTEM**



**HMIS RATING SYSTEM**

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			0
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		
			See Sect 8
For Routine Industrial Use and Handling Applications			

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Personnel should be trained for spill response operations.

**SPILLS:** Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with an absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

## SECTION 7 - HANDLING and STORAGE

**WORK PRACTICES AND HYGIENE PRACTICES:** As with all chemicals, follow normal industry standards. Wash hands thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid contact with eyes.

**STORAGE AND HANDLING PRACTICES:** Containers of this product must be properly labeled. Store containers in a cool, dry location out of reach of children. Keep container tightly closed when not in use. Do not reuse container.

## SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

### EXPOSURE LIMITS/GUIDELINES:

#### Chemical Name

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	SWA
None Noted	Not Listed	Not Listed	Not Listed	Not Listed

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN 149, or EU member states.

**EYE PROTECTION:** Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

**HAND PROTECTION:** This product is considered safe for human/skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

**BODY PROTECTION:** This product is considered safe for human/skin contact. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

### PHYSICAL STATE:

Liquid

### APPEARANCE & ODOR:

Light amber liquid with a characteristic odor.

### ODOR THRESHOLD (PPM):

Not Applicable

### VAPOR PRESSURE (mmHg):

Not Available

### VAPOR DENSITY (AIR=1):

Not Available

### EVAPORATION RATE (nBuAc = 1):

Not Available

### BOILING POINT (C°):

2 12°F (1 00°C)

### FREEZING POINT (C°):

32°F (0°C)

### pH:

10.2 - 10.5

### SPECIFIC GRAVITY 20°C: (WATER =1)

1.0

### SOLUBILITY IN WATER (%)

Complete

### VOC:

<1%

## SECTION 10 - STABILITY and REACTIVITY

**STABILITY:** Product is stable

**DECOMPOSITION PRODUCTS:** When heated to decomposition this product produces carbon dioxide and carbon monoxide.

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** None known

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known

## SECTION 11 - TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** Toxicity data is not available for mixture:

No LD/LC 50 Data Available

**SUSPECTED CANCER AGENT:** None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

**IRRITANCY OF PRODUCT:** Contact with this product is not expected to be irritating.

**SENSITIZATION OF PRODUCT:** This product is not considered a sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** No information concerning the effects of this product & its components on the human reproductive system.

## SECTION 12 - ECOLOGICAL INFORMATION

**ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.**

**ENVIRONMENTAL STABILITY:** No Data available at this time.

**EFFECT OF MATERIAL ON PLANTS or ANIMALS:** No Data available at this time.

**EFFECT OF CHEMICAL ON AQUATIC LIFE:** No evidence is currently available on this product's effects on aquatic life.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

**EU WASTE CODE:** Non Hazardous

## SECTION 14 - TRANSPORTATION INFORMATION

**US DOT; IATA; IMO; ADR:**

**THIS PRODUCT IS CLASSIFIED BY THE U.S. DEPARTMENT OF TRANSPORTATION (49 CFR 172.101) AS FOLLOWS:**

**PROPER SHIPPING NAME:** Non-Hazardous Material

**HAZARD CLASS NUMBER and DESCRIPTION:** None

**UN/NA IDENTIFICATION NUMBER:** None

**DOT CLASS:** None

**DOT LABEL(S) REQUIRED:** None

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):** NA

**MARINE POLLUTANT:** None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:**

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:**

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):**

This product is not classified as Dangerous Goods, by rules of IATA:

**PROPER SHIPPING NAME:** Non-Hazardous Material

**HAZARD CLASS NUMBER and DESCRIPTION:** None

**UN/NA IDENTIFICATION NUMBER:** None

**DOT CLASS:** None

**DOT LABEL(S) REQUIRED:** None

This product is not classified as Dangerous Goods by the International Maritime Organization.  
EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

## SECTION 15 - REGULATORY INFORMATION

### UNITED STATES REGULATIONS

**SARA REPORTING REQUIREMENTS:** This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

**TSCA:** All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

#### SARA 311/312:

Acute Health: Yes                      Chronic Health: No                      Fire: No                      Reactivity: No

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb. (4,540 kg) may apply, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** None of the ingredients are on the California Proposition 65 lists.

### CANADIAN REGULATIONS:

**CANADIAN DSL/NDSL INVENTORY STATUS:** All of the components of this product are on the DSL Inventory

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** This product is categorized as Not Controlled as per the Controlled Product Regulations

### EUROPEAN ECONOMIC COMMUNITY INFORMATION:

#### EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

### AUSTRALIAN INFORMATION FOR PRODUCT:

**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:** All components of this product are listed on the AICS.

**STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS:** Not applicable.

### JAPANESE INFORMATION FOR PRODUCT:

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

### INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed or exempt from listing
Australian Inventory of Chemical Substances (AICS):	Listed or exempt from listing
Korean Existing Chemicals List (ECL):	Listed or exempt from listing
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed or exempt from listing
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed or exempt from listing
U.S. TSCA:	Listed or exempt from listing

## SECTION 16 - OTHER INFORMATION

**PREPARED BY:** Paul Eigbrett

MSDS Authoring PLUS

**Disclaimer:** This safety data sheet was prepared from information obtained from various sources, including product suppliers. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information contained herein is accurate and reliable to the best of the company's knowledge. International Eco Fuel Saver, Inc. (IEFSI) shall not be held liable for any inaccuracies. IEFSI does not warrant nor guarantee, whether expressed or implied, its accuracy or reliability and shall not be liable for any expense, loss or damage, direct or consequential, arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

**For more complete details on Use, Storage Handling, Safety Warnings and Disposal, Read the complete label before use or review the label on our website at [www.globalecoproducts.com](http://www.globalecoproducts.com).**