

SDS# Eco-Coil-AER
Date: January 2017

Eco-Coil™ Aerosol

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eco-Coil Aerosol
Catalog Number: Eco-Coil -AER
Manufactured by: DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA, 30097
Information Phone No.: 1+678.542.3600
EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)
PREPARED BY: V. Ward

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

GHS Classification:

Skin Irritation Category 3
Eye Irritation Category 2B
Compressed Gas

Label Elements:



Signal Word Warning!

Hazard Statement(s)

H280 Contains gas under pressure; May explode if heated.
H316 Causes mild skin irritation.
H320 Causes eye irritation.

Precautionary statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash thoroughly after handling.
P332+ P313 If skin irritation occurs: Get medical attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If eye irritation persists: Get medical advice.
P410+P403 Protect from sunlight. Store in a well-ventilated place.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
Water	7732-18-5	231-791-2	85-95	Not classified	
Sodium silicate	1344-09-8	215-687-4	< 0.5	H315: Skin Irritant H319: Eye Irritant	Category 2 Category 2A

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SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: DO NOT INDUCE VOMITING! Give large quantities of water if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Wash with soap and water. Rinse with copious amounts of fresh, running water. If irritation persists, get medical attention.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

4.2. Signs and Symptoms of Exposure:

Inhalation: Mist or spray may be slightly irritating to respiratory tract.

Ingestion: Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Skin Contact: Substance does not generally irritate and is only mildly irritating to the skin.

Eye Contact: Contact with mist, spray or liquid cause's eye irritation.

Chronic Exposure: Dry, chapped skin may result from prolonged exposure. Repeated contact with eyes may cause severe irritation.

SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

Flash point: >212°F/100°C. Foam, CO₂, dry chemical or other media suitable for the primary source of the fire.

Special Equipment and Precautions for Fire-Fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Contents under pressure may explode from excessive heat. Exposure to temperature above 120°/49°C may cause bursting.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

Methods and Material for Containment and Clean-Up: Contain and recover liquid when possible. Do not flush caustic residues to the sewer. Residues from spills can be diluted with water, then neutralized with dilute acid such as acetic, hydrochloric or sulfuric. Absorb neutralized caustic residue on clay, vermiculite or other inert substance and package in a suitable container for disposal. Do not use aluminum tools to collect absorbed material or aluminum containers to store collected waste. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities (700 gallons) of this product. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. Remove contaminated clothing immediately.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Store locked up in a well-ventilated area. Protect container from sunlight. Never store in a vehicle. Do not expose to temperatures above 122 0 F or 50 0 C. Keep upright without excessive load on top.

Conditions for Safe Storage, Including any Incompatibilities: Contents are under pressure; may explode if heated.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

Not available

Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation. A Manual of Recommended Practices*, most recent edition, for details.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)

Personal Respirators: Not required for normal use in accordance with label directions.

Skin Protection: Use latex, neoprene or nitrile gloves to minimize skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: Mild, not unpleasant

Odor Threshold: Not established

pH @ 25°C: < 11.5

Melting Point (Pour Point) : <0 °C (32°F)

Boiling Point : >100°C (212°F)

Flash Point: >212°F/100°C

Evaporation Rate (Water = 1): ~1

Flammable Limits: Not applicable

LEL: N/A

UEL: N/A

Vapor pressure (mm Hg): ~ 2.4kpa at 200C

Vapor Density (Air = 1): ~ 0.63

Specific gravity (H2O = 1): 1.009

Solubility in water: soluble

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Extreme heat, incompatibles.

Incompatible Materials: Avoid contact with strong oxidizing agents, strong alkalis and strong acids

Hazardous Decomposition Products: None suggested

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Mist or spray may be slightly irritating to respiratory tract.

Ingestion: Swallowing can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Skin Contact: Substance does not generally irritate and is only mildly irritating to the skin.

Eye Contact: Contact causes eye irritation.

Chronic Exposure: Dry, chapped skin may result from prolonged exposure. Repeated contact with eyes may cause severe irritation.

Carcinogenic effects: Not classified

Teratogenicity/Reproductive toxicity: Not classified

Mutagenic effects: Not classified

Numerical Measures of Toxicity: Not available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Aquatic: Not available.

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: All components of this product are readily and completely biodegradable. It is not expected to bio-accumulate.

Mobility in Soil: Final destination of reacted products is water. Readily adsorbed into soil.

Other Adverse Effects: None known

Other: For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

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SECTION 13. DISPOSAL CONSIDERATIONS

Container may be recycled. Before recycling: Ensure container is completely emptied by pressing, and holding the nozzle button until all the contents of the container are released. Continue to hold button down until any remaining gas has escaped the container. Never open an aerosol container. Contact your local waste removal company before recycling to ensure compliance with local regulations.

SECTION 14. TRANSPORTATION INFORMATION

US DOT: Consumer Commodity, ORM-D

INTERNATIONAL

Water, I.M.O.:

Proper Shipping Name: Aerosols (max 1 L) (Limited Quantity)

Hazard Class: 2.1

UN: 1950

Marine Pollutant: No

SECTION 15. REGULATORY INFORMATION

Federal, State & International Regulations

U.S. REGULATIONS:

U.S. INVENTORY (TSCA): All components are exempt from the inventory.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES: None

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES):

ACUTE: No; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE of Pressure: No

SARA TITLE III SECTION 313: Not regulated.

OSHA PROCESS SAFETY: Not regulated.

STATE REGULATIONS: California Proposition 65: Not regulated.

NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW:

Reporting Requirement: None

Right To Know Hazardous Substance List: None

Special Health Hazard Substance List: None

PENNSYLVANIA RIGHT TO KNOW:

Reporting Requirement: None

Hazardous Substance List: None

ENVIRONMENTAL HAZARDOUS SUBSTANCE LIST: None

SPECIAL HAZARDOUS SUBSTANCE LIST: Not regulated.

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: E.

CANADA INVENTORY (DSL/NDL): All components of this product are listed on the DSL.

Australian Hazchem Code: 2R

Poison Schedule: Not scheduled

WHMIS: This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

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SECTION 16. OTHER INFORMATION

Revision Summary: All Sections: New GHS Format

SDS Date Revised: 01/19/2017

NFPA/HMIS III Ratings: Health: 0 Flammability: 1 Reactivity: 1

HMIS III®

Health	0
Flamability	1
Physical Hazard	2
Personal Protection	B

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