

SDS# Pro-Green
Date: October 2015

Total Pages: 5

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pro-Green Indoor Coil Cleaner
Catalog Number: Pro-Green
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. Leone

SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

Skin Irritation Category 2
Eye Irritation Category 2A

Label Elements:



Signal Word Warning!

Hazard Statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash thoroughly after handling.
P280 Wear rubber, nitrile or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P332 + 313 If skin irritation occurs: Get medical attention.
P362 + 364 Take off contaminated clothing and wash it before reuse.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.

SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
Water	7732-18-5	231-791-2	60-80	Not classified
Sodium silicate	1344-09-8	215-687-4	< 1	H314: Causes severe skin burns and eye damage H335: May cause respiratory irrit. Category 1B Category 3
2-Butoxyethanol	111-76-2	203-905-0	1-5	H302: Harmful if swallowed Category 4

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SECTION 3. HAZARDOUS INGREDIENTS INFORMATION(cont.)

INGREDIENT	CAS No.	EINECS No.	% Or Range	GHS Classification
				H312: Harmful in contact with skin Category 4
				H315: Causes skin irri. Category 2
				H319: Causes serious eye irritation Category 2A
				H332: Harmful if inhaled Category 4
Tetrasodium EDTA	64-02-8	200-573-9	< 1	H302: Harmful if swallowed Category 4
				H318: Causes serious eye damage Category 1

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: Effects from inhalation of mists and vapors vary from mild to moderate irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of vapors may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

Skin Contact: Contact with skin can cause redness, irritation or severe burns and scarring with greater exposures.

Eye Contact: May cause pain and moderate irritation of eyes.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the product.

SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

This product is not flammable. Use dry chemical, carbon dioxide, foam 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. Cool fire-exposed containers with a water spray.

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 absorb liquid with clay, vermiculite or other inert substance, sweep up and package in a container suitable for disposal. Wash away residues with water. Dispose of absorbed material in accordance with Federal, local and state regulations.

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SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product. Observe all warnings and precautions listed for the product.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

2-butoxyethanol:

OSHA Permissible Exposure Limit (PEL): 50ppm (skin)

ACGIH Threshold Limit Value (TLV): 20ppm

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.

Personal Respirators (NIOSH Approved): Not required for normal use in accordance with label directions.

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

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.

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 green liquid
Odor:	Mild glycol ether
Odor Threshold:	Not established
pH @ 25°C:	>11
Melting Point (Pour Point) :	Not established
Boiling Point :	> 220°F
Flash Point:	None
Evaporation Rate (Water = 1):	>1
Flammable Limits:	Not applicable
LEL:	N/A
UEL:	N/A
Vapor pressure (mm Hg):	Same as water
Vapor Density (Air = 1):	Same as water
Specific gravity (H2O = 1):	1.020
Solubility in water:	Water miscible
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: Incompatibles.

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

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Hydrogen sulfide, Sulfur Dioxide.

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SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Effects from inhalation of mists and vapors vary from mild to moderate irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of vapors may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

Skin Contact: Frequent or prolonged contact may cause irritation.

Eye Contact: May cause pain and moderate irritation of eyes.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the product.

Carcinogenic effects: Not classified

Teratogenicity/Reproductive toxicity: Not classified

Mutagenic effects: Not classified

Numerical Measures of Toxicity: Not available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Sodium hydroxide: Fish: Carp: 180ppm (LC100); 24H;

Aquatic: Not available

Persistence and Degradability: Biodegradable.

Bioaccumulative Potential: No bioaccumulation potential based on available literature.

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."

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved by recovery should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. Empty containers of this material, properly rinsed with water, pose no disposal hazard and may be recycled. State and local disposal regulations may differ from federal disposal regulations.

SECTION 14. TRANSPORTATION INFORMATION

US DOT: Not classified as a shipping hazard

International (Water, I.M.O.) Not classified a shipping hazard

DOT Proper Shipping Name: Compound Cleaning Liquid, N.O.I.

DOT Hazard Class: None

UN Number: None

Packing Group: None

Limited Quantity: No

Marine Pollutant: No

ADR/RID Class: None

ADR/RID Packing Group: None

IMDG Hazard Class: None

IMDG Packing Group: None

ADNR Class: None

ADNR Item: None

IATA Hazard Class: None

IATA Packing Group: None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

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SECTION 15. REGULATORY INFORMATION

Federal, State & International Regulations

U.S. REGULATIONS:

U.S. EPA:

Comprehensive Environmental Response Compensation and Liability

Act of 1980 (CERCLA) requires notification of the National Response Center of release quantities of Hazardous Substances is not required for this material.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required for quantities below 250 pounds.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

State Right to Know

California Proposition 65: Not subject to reporting requirements under Prop 65

Massachusetts: Hazardous substances and extraordinarily hazardous substances must be identified. **Pennsylvania:** Hazardous substances must be identified.

California SCAQMD Rule 443.1 (VOC's): <2%

Chemical Weapons Convention: No

TSCA 12(b): No **CDTA:** No

SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No Reactivity: Yes (Mixture / Liquid)

Australian Hazchem Code: 2R

Poison Schedule: S6

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.

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

SECTION 16. OTHER INFORMATION:

Revision Summary: All Sections: New GHS Format

SDS Date revised: 10/09/2015

HMIS III Ratings

HMIS III®

Health	1
Flamability	0
Physical Hazard	0
Personal Protection	B

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