

Easy-Mix Green

MSDS# SCM-834

March 2012

5 pages

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: EASY-MIX GREEN Granular Evaporator Coil Cleaner
Manufacturer: Specialty Chemical Manufacturing
Address: 1633-B High Bridge Road, Quincy, FL., 32351
Emergency Phone No.: 1+1813.248.0585 24 Hours, 7 Days, Chem-Tel, Inc.
Phone (For Information): 1+678.542.3600
Date: 03/07/2012
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2. HAZARDS IDENTIFICATION

Inhalation: Effects from inhalation of mists vary from mild to moderate irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of mists 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.

3. COMPONENTS AND INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	EINECS NO.	% by Wt.	Hazard	Risk Phrases
2-Butoxyethanol	111-76-2	203-95-0	1-5	Xn	R20/21/22; R36/38
Sodium silicate	1344-09-8	231-130-8	1-5		R11; R20/21/22; R23/24/25; R34; R35 R36/37/38
Sodium Carbonate	497-19-8	231-867-5	5-10	Xn, Xi	R36/37/38; R41; R53/58

4. FIRST AID MEASURES

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

Ingestion: DO NOT INDUCE VOMITING! Drink 2-3 glasses of water or milk, and call the nearest poison control center.

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 large amounts of cool running water for at least 15 minutes while holding eyelids open. If irritation persists, get medical attention immediately.

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5. FIREFIGHTING MEASURES

Flash Point: None

Fire Extinguishing Media: Use foam, CO₂, dry chemical or other media suitable for the primary source of the fire.

Special Information: This product is non-flammable. In the event of a sustained 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.

Unusual Fire and Explosion Hazards: None.

6. ACCIDENTAL RELEASE MEASURES

Remove contaminated clothing immediately. Keep unnecessary and unprotected people away from area of spill. Ventilate area of leak or spill. Sweep up, recover and recycle spilled material when possible. If the product is not usable, package in a container suitable for disposal. Wash away residues with water. Dispose of contaminated material in accordance with Federal, local and state regulations.

7. HANDLING AND STORAGE

Protect from physical damage. Store in a cool, dry, ventilated area. Keep this and all chemicals out of the reach of children. Wash hands thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): Not established

ACGIH Threshold Limit Value (TLV): Not established

Ventilation System: 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: Not required for normal use in accordance with label directions.

Skin Protection: Use rubber, neoprene or nitrile gloves as necessary 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 and follow label instructions to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

9. PHYSICAL/CHEMICAL PROPERTIES:

Appearance: Granular green solid

Odor: Glycol ether

Odor threshold: n.a.

pH @ 5%: 10-11

Melting point/freezing point: Not applicable

Initial boiling point and boiling range: Not applicable

Flash point: Not applicable

Evaporation rate: Not applicable

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Flammability limits %: Not applicable
Vapor pressure: Not applicable
Vapor density: Not applicable
Relative density: 1.1
Solubility: Completely soluble in water
Partition Coefficient: n-octanol/water: Not applicable
Auto-ignition temperature: Not applicable
Decomposition temperature: Not applicable
Viscosity: Not applicable
Explosive properties: Not applicable
Oxidizing properties: Not applicable
n.a. = not available

10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Hydrogen sulfide, Sulfur dioxide
Hazardous Polymerization: Will not occur.
Incompatibilities: Avoid contact with strong oxidizing agents, strong alkalis and strong acids.
Conditions to Avoid: Incompatibles.

11. TOXICOLOGICAL INFORMATION

NTP Carcinogen: No
Toxicological data: There is no data available on the product itself.
Acute toxicity: Ingestion may cause nausea and vomiting. Inhalation of high vapor concentrations can cause irritation of the mucous membrane and the respiratory system. Symptoms include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.
Corrosivity/irritation: Irritating to eyes. Prolonged contact with skin may produce irritation.

12. ECOLOGICAL INFORMATION

Mobility: Final destination of reacted products is water. Readily adsorbed into soil.
Degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: Concentrated product is moderately harmful to aquatic organisms.

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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.

14. TRANSPORT INFORMATION

UN Number: None

UN Proper Shipping Name: None

Transport Hazard Class(es): Packing group: None

Environmental Hazards: Not a Marine Pollutant

ADR/RID Transport Information Not dangerous for transport under ADR/RID, IMO and IATA/ICAO regulations.

ADR/RID Class None Allocated

ADR/RID Packing Group None Allocated

IMDG Hazard Class None Allocated

IMDG Packing Group None Allocated

ADNR Class None Allocated

ADNR Item None Allocated

IATA Hazard Class None Allocated

IATA Packing Group None Allocated

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

15. REGULATORY INFORMATION

Risk phrases:

R11: Highly Flammable

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed

R36/37/38: Irritating to eyes, respiratory system and skin

R41: Limited evidence of a carcinogenic effect

R53: May cause long-term adverse effects in the aquatic environment

R58: May cause long-term adverse effects in the environment

Safety phrases

S2: Keep out of reach of children

S23: Do not breathe fumes, vapor or spray

S24: Avoid contact with skin.

S25: Avoid contact with eyes

US 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.

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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:

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

Pennsylvania: Hazardous substances must be identified.

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

SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No Reactivity: No

WHMIS:

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

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

16. OTHER INFORMATION

NFPA Ratings: Health: **1** Flammability: **0** Reactivity: **0**

Label Hazard Warning: Irritating to skin and eyes.

Label Precautions:

Refer to the MSDS for more information on handling and storing this product.

Label First Aid:

If Eye Contact: Flush with flowing water for 15 minutes. If irritation persists, get medical attention.

If Swallowed: Do not induce vomiting. Drink 3 large glasses of water followed by citrus juice. Get medical attention immediately.

If Skin Contact: Wash affected area immediately with soap and water. If irritation persists, get medical attention.

Product Use:

Air conditioning and refrigeration coil cleaner

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.