

# SCM-707-GRAN TRIPLE "D" GRANULAR UNIVERSAL COIL CLEANER

MSDS# SCM-707-GRAN  
January 2008

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Manufactured by:** Specialty Chemical Manufacturing  
A DiversiTech Company  
1633-B High Bridge Road  
Quincy, FL 32351

**EMERGENCY Phone No.:** 1+800.255.3924 Chem-Tel (Chemical Emergencies Only)

**Phone Number for Information:** 850-875-1716 **Fax:** 850-627-2699

**Date Revised:** January 2008

**Name of Preparer:** Anthony Jernigan

## SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO	OSHA PEL	ACIGH TLV	OTHER STEL	% or Range
Sodium Metasilicate	6834-92-0	2MG/M3 (For dust)			20-40
Potassium Carbonate	584-08-7	not established			20-40

## SECTION 3. HAZARDS IDENTIFICATION

**Routes of entry:** inhalation: **yes** skin: **no** ingestion: **yes** eyes: **yes**

**Health hazards (acute and chronic):** GRAN-UNIV is moderately toxic if ingested. Eye contact causes extreme irritation. Prolonged contact may cause skin irritation, drying and dermatitis.

**Carcinogenicity:** NTP: **No** IARC Monographs: **No** OSHA Regulated: **No**

**Signs and symptoms of exposure:**

**Inhalation:** Dust may cause chemical pneumonitis. This product is not toxic by inhalation.

**Skin:** Irritant. Prolonged contact may cause dermatitis or drying of skin.

**Ingestion:** Do not take internally. If ingested, it may damage throat and digestive tissue. Swallowing may cause diarrhea, nausea, vomiting or unconsciousness.

**Eyes:** may cause severe eye irritation, permanent damage or blindness.

**Medical conditions aggravated by exposure:** contact with skin or eyes, or breathing dust can cause eye skin or tissue damage or affect individuals with respiratory disorders.

## SECTION 4. FIRST AID

**Eyes:** Flush with water for 15 minutes. Consult a physician if irritation persists

**Skin:** Remove contaminated clothing. Wash the affected area with soap and water. Launder or dry clean clothes before reuse.

**Inhalation:** Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area, then seek medical aid immediately.

**Ingestion:** Do not induce vomiting. Force fluids. Contact the nearest poison control center, or call the National Poison Control Hotline at: 1-800-222-1212.

## SECTION 5. FIREFIGHTING MEASURES

**Flammability:** Not flammable

**Extinguishing Media:** Use media suitable for the primary source of the fire.

**Special Procedures:** If this product is involved in a fire, firefighters should wear self-contained breathing apparatus and full turn-out gear.

**Flash Point (C), Method:** None

**Auto Ignition Temperature:** None

**Special Fire Fighting Procedures:** None suggested

**Unusual Fire and Explosion Hazards:** This product may evolve toxic fumes (ammonia, hydrogen chloride if heated to decomposition).

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## SECTION 6. SPILL/ACCIDENTAL RELEASE MEASURES

### Steps to be taken if material is spilled or released:

Wear recommended protective clothing. Remove contaminated garments promptly. Sweep up material and collect in a waterproof recovery container. Undamaged product may be recovered and used according to label instructions. Do not contaminate municipal sewers or other open bodies of water with runoff from cleanup.

## SECTION 7. HANDLING AND STORAGE

Avoid contact with skin and eyes. Avoid breathing dust. Keep containers closed when not in use. Store in a dry, cool, area. Empty containers may retain residue. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations. Keep this and all chemicals out of the reach of children.

## SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

**Respiratory protection (specify type):** use in a well-ventilated area. If dust is being generated and exceeds the TLV, a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed.

**Ventilation:** local exhaust is recommended when used in enclosed areas.

**Protective gloves:** neoprene, latex or other materials may be used if there is documented evidence of compatibility.

**Eye protection:** safety glasses (ANSI Z87.1) or approved equivalent as necessary to minimize eye contact hazards.

**Other protective clothing:** neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

**Work hygienic practices:** use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

## SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: not applicable

Vapor pressure (mm Hg): not applicable

Vapor Density (Air = 1): not applicable

Solubility in water: 100%

Appearance and odor: Granular orange solid with a lavender odor.

Specific gravity (H<sub>2</sub>O = 1): 1.12-1.13

Melting Point (Pour Point): not applicable

Evaporation Rate (Water = 1): not applicable

## SECTION 10. STABILITY and REACTIVITY DATA

**Stability-stable**

**Conditions to avoid:** none

**Incompatibility (materials to avoid):** strong oxidizers, strong acids, formaldehyde

**Hazardous decomposition or byproducts:** If this product is involved in a fire, it may evolve carbon monoxide, carbon dioxide, hydrogen chloride, ammonia gas and other unidentified fragments.

**Hazardous polymerization:** will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Exposure limit:** see section 02

**Carcinogenic:** none known

**Reproductive effects:** none known

**Irritant:** see section 03

## SECTION 12. ECOLOGICAL CONSIDERATIONS

No data for this product

## SECTION 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Dispose of contaminated material in accordance with municipal, provincial and federal regulations.

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## SECTION 14. TRANSPORTATION INFORMATION

**Dot Hazard Label:** ORM-D in quantities less than 2.2 lb or 1 KG  
**Dot Description:** Cleaning Compound, NOI, other than liquid

**Shipping Name:** Corrosive Solid, Basic, Inorganic, NOS (Sodium Metasilicate and Potassium Carbonate)  
**UN Number:** UN3262  
**Class:** 8  
**Packing group:** III (Limited Quantity)

## SECTION 15. REGULATORY INFORMATION

**TSCA:** all ingredients are TSCA listed

### Sara Title III Reporting Requirements:

Section 302: EHS reporting not required

Section 304: hazardous releases reporting not required

Section 311: community right to know reporting is required if the inventory is above the threshold planning quantity.

Section 312: RTK inventory data reporting is not required.

Section 313: Emissions and release reporting may be required for users of this product within the manufacturing sector. This does not apply to service companies.

**WHMIS Classification:** D2B

**CPR Compliance:** 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.

## SECTION 16. OTHER INFORMATION

**HMIS HAZARD RATINGS:** Health - 2 Fire - 0 Reactivity - 0

0=Minimal 1=Slight 2=Moderate 3=High 4=Extreme

**OSHA Personal Protection Index:** B

## 17. Manufacturer:

Specialty Chemical Manufacturing

A DiversiTech Company

1633-B High Bridge Road

Quincy, FL 32351

**Phone:** 1+678.542.3600

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