SCM-707-RTU TRIPLE "D" PRE-MIXED UNIVERSAL COIL CLEANER

MSDS# SCM-707-RTU
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*
Water	7732-18-5				85-95
Sodium silicate	1344-09-8				<5
Potassium Hydroxide	1310-58-3	2ppm	2ppm		<5

SECTION 3. HAZARDS IDENTIFICATION

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. This product has 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.

SECTION 4. FIRST AID

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 of or milk, and call the nearest poison control center, or call the National Poison Control Hotline at: 1-800-222-1222.
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.

SECTION 5. FIREFIGHTING MEASURES

Flash Point: None
Fire Extinguishing Media: Use foam, CO_2, 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 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.

SECTION 6. SPILL/ACCIDENTAL RELEASE MEASURES

Remove contaminated clothing immediately. Keep unnecessary and unprotected people away from area of spill. Ventilate area of leak or spill. Contain and absorb liquid with clay, vermiculite or other inert substance. Sweep up absorbed material and package in a container suitable for disposal. Wash away residues with water.

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SECTION 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 or using this product.

SECTION 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 manufacturer's 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 and follow label instructions to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

SECTION 9. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >220°F	Specific gravity (H_2O = 1): 1.018
Vapor pressure (mm Hg): 24	Vapor Density (Air = 1): >1
Vapor Density (Air = 1): >1	VOC Content: <2%
Solubility in water: Water miscible	pH @ 25°C: 11.5-12.2
Appearance and odor: Clear orange liquid	Odor: Slight lavender odor

SECTION 10. STABILITY and REACTIVITY DATA

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

SECTION 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 may include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.
Corrosivity/Irritation: Irritating to eyes. Prolonged contact with skin will produce irritation.

SECTION 12. ECOLOGICAL CONSIDERATIONS

Mobility: Final destination of reacted products is water. Readily adsorbed into soil.
Degradability: The detergents and surfactants used in this product are readily biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: This product is moderately harmful to aquatic organisms.

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.

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SECTION 14. TRANSPORTATION INFORMATION

US DOT: ORM-D (for net quantities less than 1.3 gallons or 5 Liters)

For net quantities greater than 1.3 gallons, the proper shipping name and hazard class is:
UN 3266, Corrosive Liquid, Basic, Inorganic, N.O.S. (contains potassium hydroxide and sodium silicate), 8, PGIII

INTERNATIONAL
Water, I.M.O.:
UN: 3266
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (contains potassium hydroxide and sodium silicate)
Hazard Class: 8
Packing Group: III
Marine Pollutant: No

SECTION 15. REGULATORY INFORMATION

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.
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/NDSL): All components of this product are listed on the DSL.

SECTION 16. OTHER INFORMATION

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

17. Manufacturer:

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

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