

MSDS# SCM-706
Date: 07/11/03

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Coil Kleen

SECTION 1. PRODUCT NAME

Catalog No. SCM-706
Manufacturer: Diversitech
Address: 6650 Sugarloaf Parkway, Duluth, GA
Chem-Tel Phone: (800) 255-3924 – (Chemical Emergencies Only)
Phone Number for Information: (678) 542-3600
Fax: (678)-542-3700
Date Revised: 12 May, 2008
Name of Preparer: Anthony Jernigan

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	OSHA PEL	ACIGH TLV	OTHER STEL	% or Range
Hydrochloric acid	7647-01-1		5 ppm		<20
Phosphoric acid	7664-38-2	1 ppm			<10

SECTION 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >212° F
Vapor pressure (mm Hg): 55 @ 77° F
Vapor Density (Air = 1): 1.27
Solubility in water: Water miscible
Appearance and odor: Clear red liquid; astringent, acrid odor.

Specific gravity (H₂O = 1): 1.09
Melting Point (Pour Point): <32° F
Evaporation Rate (Water = 1): ~ 1

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
Flammable Limits: None
Extinguishing media: Not applicable
Special Fire Fighting Procedures: Liquid and mists are irritating and corrosive. Wear full protective gear including self-contained breathing apparatus. Keep containers cooled with a water spray if involved in a fire.
Unusual Fire and Explosion Hazards: This product can react with metals and release hazardous quantities of hydrogen gas.

SECTION 5. REACTIVITY DATA

Stability - Stable
Conditions to avoid: None
Incompatibility (Materials to avoid): Metal containers, strong oxidizers, strong alkalis
Hazardous Decomposition or Byproducts: Hydrogen gas, SO₂
Hazardous Polymerization: Will not occur.

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SECTION 6. HEALTH HAZARD DATA

Routes of Entry: Inhalation: yes (mists) Skin: yes Ingestion: yes Eyes: yes

Health Hazards (acute and chronic): This product is irritating and mildly corrosive to skin, eyes and mucous membranes.

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

Signs and symptoms of exposure:

Inhalation: Breathing mists or vapors may irritate irritation to throat and lungs.

Skin: Irritating. Prolonged contact may result in chemical burns.

Ingestion: Do not take internally. Irritating. May cause chemical burns to mouth throat and digestive tract.

Eyes: May cause eye irritation, mild to severe burning, redness or tearing. Prolonged contact may cause chemical burns or tissue damage.

Medical Conditions Aggravated by Exposure: Contact or breathing mists may exacerbate existing skin or respiratory disorders.

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes while lifting the eyelids to irrigate the area behind the lid. Consult a physician if immediately after administering first aid!

Skin: Remove contaminated clothing. Wash the affected area with soap and water. Launder or dry-clean clothes before reuse. Discard contaminated leather articles. If burning or irritation develops or persists, get medical attention.

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

Ingestion: DO NOT induce vomiting. Drink 3-4 glasses of water and contact the nearest poison control center. If vomiting occurs, keep the head lower than the hips to prevent aspiration.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Steps to be taken if material is spilled or released: Wear recommended protective clothing. Remove contaminated garments promptly. Remove unnecessary personnel from the area. Floors may be slippery; use care to avoid falling. Dike the spill immediately with appropriate materials to prevent the spread of liquid. Absorb the liquid with an inert absorbent such as sand, dirt, vermiculite or "oil-dri", or use commercial absorbent pads. Transfer liquids and solid diking material to suitable containers, and dispose of in accordance with local, state, and federal regulations.

DO NOT contaminate municipal sewers or other open bodies of water with runoff.

Waste disposal methods: Bury in an approved landfill in accordance with governmental regulations, or consign recovered material to a licensed hazardous waste contractor.

Handling and storage: Avoid contact with skin and eyes. Keep containers closed when not in use. Store in a dry, cool, well-ventilated 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. CONTROL MEASURES

Respiratory Protection: Use in a well-ventilated area. If vapor or mist is being generated and exceeds the TLV, use an air purifying respirator with an acid gas cartridge, and follow a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements.

Ventilation: Local exhaust is recommended when used in enclosed areas.

Protective Gloves: Neoprene or other materials may be used if there is documented evidence of compatibility. Use as necessary to prevent skin contact.

Eye protection: Wear safety glasses (ANSI Z87.1) or approved equivalent, or chemical splash goggles 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. ADDITIONAL INFORMATION

Transportation Information:

DOT Description: Corrosive liquid, acidic, inorganic, NOS (contains hydrochloric acid and phosphoric acid), Class 8, UN3264, PGIII

DOT Hazard Label: Corrosive

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: R-T-K 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.

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SECTION 10. MANUFACTURED BY

Diversitech
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Duluth, GA 30097
Phone 1+678.542.3600
EMERGENCY Phone No. 1 800-255-3924 Chem-Tel (Chemical Emergencies Only)

SECTION 11. REFERENCE NUMBER AND DATE OF ISSUE

MSDS Safety Data Sheet: Coil Kleen Issued 07/11/2003

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.