

COIL-LITE

HIGH ALKALINE NON ACID BULK COIL CLEANER

COIL-LITE is a heavy duty, non-corrosive concentrate that has been formulated for the cleaning of coils. COIL-LITE aids in preventing dust, dirt and other types of bacteria-bearing soil from accumulating on the coils for up to 3 months. Its sustained cleaning action provides 24 hour protection which improves efficiency and saves electrical costs.



FOR USE BY:

Airports
Apartment Buildings
Bus Lines
Corrections
Daycares
Hospitals
Hotels/Motels
Medical Buildings
Military
Nursing Homes
Packaging Plants
Processing Plants
Restaurants
Sanitation Dept.
Schools
WWTP

FOR USE ON:

Air Conditioning
Coils.

FEATURE-BENEFIT:

Concentrated
Rinsing Not Required
Contains NO ACIDS
Will Not Harm
Equipment.
Economical

DIRECTIONS:

Dilute one part concentrate to three parts water. Turn unit off and spray directly into fins and coils. Turn unit on and normal cycling will create condensation which will activate concentrate and keep coils clean and odor free continuously. For simple application, a portable hand pump sprayer is recommended. For immediate and faster cleaning, allow diluted concentrate to remain on coils and fins for five minutes, giving deep penetration, then rinse with clear water.

TECHNICAL DATA:

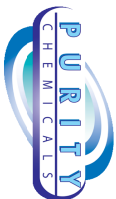
Color: Amber
Dilution rate: 1:3
Odor: None
pH: 9.5+/- 0.5
Physical appearance: Thin liquid

COIL-LITE HIGH ALKALINE NON ACID BULK COIL CLEANER

CONTACT INFORMATION

OFFICE:
1-888-6PURITY (678-7489)
FAX
1-877-9PURITY (978-7489)
ADDRESS:
114 SOUTHFIELD PKWY
SUITE 120
FOREST PARK GA. 30297
www.puritychemicals.com

Material Safety Data Sheet



Date entered: **2/21/77**
Date Revised: **9/11/09**
Emergency Numbers:
Medical: **(866)-791-9595**
Transportation: **(800)-535-5053**

Purity Chemicals, Inc.
114 Southfield Parkwy.
Suite 120
Forest Park Ga. 30297 U.S.A.
(404)-363-0767

PRODUCT IDENTIFICATION

(1) Product Name: **Coil-Lite** (2) Product Number: **2-376-5**
EPA Reg. No.: _____
EPA Est. No.: _____
(3) Chemical name/Synonyms: **n/a**
(4) Chemical family: **Alkaline Coil Cleaner Degreaser** (5) Chemical formula: **Proprietary**
(6) NFPA & HMTS acute hazard rating: **Health: 2 Flammability: 0 Reactivity: 0** (7) Preparer Name: **Bill Lyon** Phone: **(866)-791-9595**
(8) Personal Protective Equipment: **Safety glasses, gloves**

CHEMICAL COMPOSITION

Note: **Use all CERCLA hazardous substances at 1% or greater and arcogenics at 0.1% or greater.**

(1) Ingredient:	(2) SARA	(3)	(4)	(5)	(6)	(7)
	Section 313	CAS Number:	% range:	PEL:	LOSO:	TVL:
Sodium metasilicate	No	6834-92-0	025	n/a	n/a	Zn/m ³
Methylphenyl ethoxysilane	No	9016-45-9	016	n/a	3.21 g/kg	n/a
Z-butoxymethanol	Yes	000111-76-2	06	25 ppm TWA	1519 mg/kg	121 ppm TWA
Sodium Orthosilicate	No	6834-92-0	02	n/a	n/a	n/a

Balance: **Non hazardous**

Section 3 PHYSIOLOGICAL EFFECTS

(1) Primary route(s) of entry into body: (2) Eyes: _____ (3) Skin: **X** (4) Inhalation: _____ (5) Ingestion: _____
(6) Acute effects:
(7) Eyes: **some tissue irritation, blurred vision**
(8) Skin: **some tissue irritation and redness**
(9) Inhalation: **some tissue irritation, shortness of breath**
(10) Ingestion: **some irritation, some swelling of the abdomen, nausea**
(11) Chronic effects: **not known**

Section 4 EMERGENCY AND FIRST AID PROCEDURES

(1) Eyes: **rinse for 15 minutes with potable water, if irritation persists, seek medical attention.**
(2) Skin: **rinse for 15 minutes with potable water, if irritation persists, seek medical attention.**
(3) Inhalation: **remove victim to fresh air, if symptoms persist, seek medical attention.**
(4) Ingestion: **give large amounts of potable water while seeking immediate medical attention.**
(5) Special instructions to physician: **none**

Section 5 FIRE AND EXPLOSION HAZARD DATA

(1) Flash point: **none** (2) Method: **TCC** (3) Flammable limits in air: _____ (4) Auto ignition temperature: **not known** °C
(5) Suitable extinguishing media: **water, foam or CO2** (6) Hazardous combustion byproducts: **carbon monoxide**
(7) Specific fire fighting procedures: **normal procedures** (8) Unusual fire explosion hazards: **none**

Section 6 ENVIRONMENTAL INFORMATION

(1) Spill or leak procedures:
(2) Small spill leak: **stop leak, neutralize material with mild acid, mop or vacuum to disposal container or rinse to sanitary sewer.**
(3) Large spill leak: **stop leak, neutralize material with mild acid, mop or vacuum to disposal container then rinse remainder to sanitary sewer.**
(4) Spill reportable quantity: **none**
(5) Waste disposal method/flow local, state and federal guidelines:
(6) EPA appropriate waste classification: **none**
(7) RCRA appropriate characteristic waste: **no** (8) If so EPA hazardous waste number: **n/a**
(9) RCRA appropriate listed waste: **no** (10) If so EPA hazardous waste number: **n/a**
(11) non RCRA regulated waste: **no**
(12) Procedure for handling empty containers: **do not reuse, give container to drum licensed drum reconditioner.**
(13) Environmental toxicity data: **BIODEGRADABLE**
(14) Other regulatory controls: **none**

continued from page 1

(15) Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as a:
(16) Toxic pollutant (section 307): **no**
(17) Hazardous substance (section 311): **no**
(18) If yes, reportable quantity (R.Q.): **n/a**
(19) Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as a:
(20) Hazardous air pollutant (section 112): **no**
(21) Comments: **none**

Section 7 STORAGE AND HANDLING PRECAUTIONS

(1) Storage: **store at temperatures below 120° F and above 32° F**
(2) Handling: **use chemical resistant gloves and eye protection when handling concentrate**
(3) precautionary labeling: **None**

Section 8 OCCUPATIONAL CONTROL PROCEDURES

(1) Ventilation: (2) local exhaust _____ (3) general exhaust **X** (4) none required _____
(5) Personal protective equipment:
(6) Respirator type: **none required**
(7) Gloves: (8) Natural rubber: _____ (9) plastic: _____ (10) nitrile: _____ (11) neoprene: **X** (12) butyl: _____ (13) other: _____
(14) Eye protection: (15) glasses with side shield: **X** (16) full face shield: _____ (17) chemical splash goggles: _____ (18) J other: _____

Section 9 PHYSICAL DATA

(1) Appearance: **Dark Green** (2) Odor: **slight alcohol** (3) Physical state: **Liquid**
(4) Boiling Point: **212** (5) Freeze point: **32** (6) Specific Gravity: **1.05** (7) pH heat: **13.0** (8) pH 1%: **12.0** (9) % Solids: **15.2%**
(10) % Volatiles: **84.8%** (11) Solubility water: **Complete** (12) Vapor pressure: **n/d** (13) Vapor density: **n/d**
(14) Evaporation rate: **<1** (15) VOC less Exempt (theoretical): **0.53** lbs/gal (16) VOC as packaged (theoretical): **0.53** lbs/gal
(17) Foam Potential: _____ (18) Ozone Depleting Compounds: _____ (19) Hazardous Air Pollutants: _____
(20) Carcinogens, Mutagens, Teratogens (TRP, IARC, OSHA): _____ (21) EPA Clean Water Act: _____
(22) SARA Title III, Section 313 Reportable: _____ (22) Boiling Point: **212** °F Initial (23) Flammability: _____

Section 10 REACTIVITY DATA

(1) Thermal stability: **Stable**
(2) Condition to avoid: **extreme heat**
(3) Hazardous decomposition products: **none**
(4) Hazardous polymerization: **may occur: _____ will not occur: **X****
(6) Materials to avoid: **strong oxidizers, strong acids**
(7) Corrosive action on materials: **none**

Section 11 TOXICOLOGICAL INFORMATION

(1) Summary of health effects:
When atomized, this product may irritate mucus membranes and cause coughing and congestion. This product will delect the skin. Those users that are skin reactive to chemicals should certainly wear gloves to protect the skin.

Section 12 SHIPPING REQUIREMENTS

(1) Indicate country/regulatory agency which specifies requirements: **U.S.A.-DOT**
(2) Proper Shipping name:
Compound, Cleaning, Liquid, N.O.L.E.H., Item Name: KC-44, Item Number: 2-376-5
(3) Hazardous class: _____ (4) Identification number: _____ (5) Packaging group: _____ (6) Emergency response guide number: _____
(7) Labels required: **None** (800)535-5053
(8) Other requirements: **none**
(9) Note: **none**
Product Name: **Coil-Lite** DOT Hazard Classification: _____
Product Number: **2-376-5** n/d = not determined; n/a = not applicable