

# MATERIAL SAFETY DATA SHEET

Cobitco, Inc.

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Date prepared: 2/23/10  
**Cooling Coil Cleaner**

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Cooling Coil Cleaner**  
Product Code: 58-82 A F-025

**MANUFACTURER:**

Cobitco, Inc.  
620 Spirit of St. Louis Blvd  
Chesterfield, MO 63005-1005

Emergency Response:  
Chemtrec: 1-800-424-9300

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	OSHA PEL	ACGIH TLV
1.Diethylene Glycol Monoethyl Ether	111-90-0	Not Est.	Not Est.
2.Ethylene Glycol Monobutyl Ether	111-76-2	50 ppm	25 ppm
3.Propane	74-98-6	1000 ppm	1000 ppm
4.Isobutane	75-28-5	Not Est.	800 ppm

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## 3. HAZARDS IDENTIFICATION

Potential Health Effects

Symptoms of Overexposure:

Eyes .....: May cause irritation, redness, or watering.

Skin .....: May cause irritation, itching, dryness, or redness.

Ingestion.....: May cause nausea, headache, or vomiting.

Inhalation .....: Over exposure may cause nausea,dizziness, headache and upper respiratory discomfort.

Carcinogenic Status of Ingredients:

International Association for Research on Cancer (IARC).....: Not Listed

National Toxicology Program (NTP).....: Not Listed

American Conference of Governmental Industrial Hygienists (ACGIH).....: Not Listed

Occupational Safety and Health Administration (OSHA) .....: Not Listed

California Proposition 65 (See Section 15)

Medical Condition Aggravated by Exposure: Skin sensitivity, chemical allergies.

Primary Routes of Entry: Ingestion, Inhalation, Skin contact, Eye contact.

**4. FIRST AID MEASURES**

Eyes .....: Flush with water for 15 minutes. If irritation persists, seek medical attention.  
Skin .....: Wash with soap and water. If irritation persists, seek medical attention.  
Ingestion .....: Do not induce vomiting. Seek medical attention.  
Inhalation .....: Remove to fresh air.  
Note to Physician ..: No data

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**5. FIRE FIGHTING MEASURES**

Flash Point, Pensky Marten (PMCC) ..... : Not Applicable  
Flame Projection .....: Not Flammable  
Explosive Limits .....: Not Established  
Autoignition Temperature .....: No Data  
Hazardous Products of Combustion .....: May form carbon monoxide.

Fire and Explosion Hazards .....: Exposure to temperature above 120 degrees Fahrenheit may cause bursting.

Extinguishing Media .....: Carbon Dioxide, Standard Foam, Dry Chemical, and Halon.

Fire Fighting Instructions .....: Wear self-contained breathing apparatus.

NFPA Rating .....	Health:2	Flammability:1	Reactivity:0
HMIS Rating .....	Health:2	Flammability:1	Reactivity:0

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**6. ACCIDENTAL RELEASE MEASURES**

Small Spills.....: Absorb liquid on vermiculite, floor absorbent or other absorbent material.  
Large Spills ...: Evacuate area. Remove all sources of ignition, Contain liquid. Prevent run-off to sewer.

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**7. HANDLING AND STORAGE**

Do not store where temperatures exceed 120 degrees Fahrenheit.  
Keep out of reach of children.  
Wash hands before eating or smoking after using aerosol.

National Fire Protection Association (NFPA) 30 B Storage Level Number ....: 1

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye Protection .....: Safety goggles. For short usage none required.  
Skin Protection.....: Rubber gloves. For short usage none required.  
Respiratory Protection .....: Not required.  
Engineering Controls .....: Not required.  
Exposure Guidelines .....: General ventilation recommended to control the level of vapors.  
See Section 2 for TLV's.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point (C.) .....: Not Established  
Specific Gravity (H2O = 1 @ 25 C.) ....: 1.02  
Vapor Pressure (psig @ 25 C.) .....: 50 psig  
Vapor Density (Air = 1) .....: >1  
Evaporation Rate (Butyl Acetate = 1) ...: <1  
PH (@ 25 C.) .....: 12.0  
Solubility in water .....: Soluble  
Appearance .....: White Foam  
Odor .....: Sweet

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**10. STABILITY AND REACTIVITY**

Hazardous Polymerization .....: Product will not undergo hazardous polymerization.  
Hazardous Decomposition .....: Will not decompose.  
Chemical Stability .....: Stable  
Incompatibility .....: Avoid contact with strong oxidizing agent.

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**11. TOXICOLOGICAL INFORMATION**

Not determined for the product by any route of entry.

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**12. ECOLOGICAL INFORMATION**

No Data.

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**13. DISPOSAL CONSIDERATION**

Waste Management Information.....: Dispose of in accordance with all applicable local, state,  
and federal regulations.  
Wrap empty container in paper and place in trash.

**14. TRANSPORT INFORMATION**

Department of Transportation (DOT) Information -49 Code of Federal Regulation (CFR) 172.101  
DOT Description .....: Consumer Commodity  
DOT Hazard Class .....: Other Regulated Material (ORM)-D  
Container/Mode .....: 20 oz. Aerosol Can  
United Nations Identification (UN ID) Number .....:1950

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**15. REGULATORY INFORMATION**

**US Federal Regulations:**

VOCs (Volatile Organic Compounds) .....: Percent  
9.4 %

TSCA (Toxic Substances Control Act) Status  
All ingredients are listed that require listing.

CERCLA RQ (Comprehensive Environmental Response, Compensation, and Liability Act)  
(Reportable Quantity) – 40 CFR (Code of Federal Regulations) 302.4  
Not applicable to aerosol quantities.

SARA (Superfund Amendments & Reauthorization Act) 313 Ingredient (s) - 40 CFR 372.65

Ingredients	Percent
1. Diethylene Glycol Monoethyl Ether	1-5
2. Ethylene Glycol Monobutyl Ether	1-5

**State and Local Regulations:**

California Proposition 65:  
No proposition 65 ingredients.

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**16. OTHER INFORMATION**

The information contained herein is based on the data available to us and is believed to be correct. However, Cobitco, Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Cobitco, Inc. assumes no liability for injury from the use of the product described herein.

Ingredients are listed in Section 2 if they present a physical or health hazard and are present at or above 1.0% in the mixture. If a ingredient is identified as a CARCINOGEN by NTP, IARC, ACGIH, or OSHA as of the date on the MSDS, it will be listed in Section 3 when present at or above 0.1% in the product. Negative statements concerning carcinogenicity are not reported. Other ingredients may be listed if deemed appropriate. Additional health information may be found in Section 3.

Prepared by George Lamb      Information Phone: 1-636-530-1779      December 4, 2002  
8:00 AM - 5:00 PM      MSDS 10