

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (F).....:Not Established.  
 Specific Gravity (H<sub>2</sub>O=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

## SECTION 10 - STABILITY AND REACTIVITY

Hazardous Polymerization...:Product will not undergo hazardous polymerization.  
 Hazardous Decomposition...:Carbon Dioxide and Carbon Monoxide.  
 Chemical Stability.....:Stable  
 Incompatibility.....:Avoid contact with strong oxidizing agents, heat above 120 degrees F.

## SECTION 11 - TOXICOLOGICAL INFORMATION

No data

## SECTION 12 - ECOLOGICAL INFORMATION

No data

## SECTION 13 - DISPOSAL CONSIDERATION

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

## SECTION 14 - TRANSPORT INFORMATION

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DOT Information -49 CFR 172.101  
 DOT Proper Shipping Name.: Consumer Commodity  
 DOT Hazard Class.....: ORM-D  
 Container/Mode.....: 20 oz. Aerosol Can, DOT 2P  
 UN ID Number.....: 1950

## SECTION 15 - REGULATORY INFORMATION

EPA (Environmental Protection Agency)  
 TSCA (Toxic Substances Control Act) Status  
 All ingredients are listed.

CERCLA HQ - 40 CFR 302.4 : Not applicable to aerosol quantities.

SARA 313 Ingredients:	Percents
Diethylene Glycol Monoethyl Ether	1 - 5
Ethylene Glycol Monobutyl Ether	1 - 5

Carcinogenic Status of Components:  
 No Carcinogenic ingredients.

California Proposition 65.:  
 No Proposition 65 ingredients.

## SECTION 16 - OTHER INFORMATION

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

Components are listed in Section 2 if they present a physical or health hazard and are present at or above 1% in the mixture. If a component is identified as a CARCINOGEN by NTP, IARC, 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 conclusions concerning carcinogenicity are not reported. Other components may be listed if deemed appropriate. Additional health information may be found in Section 3.

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*Handwritten:* 5/2/98 [Signature]

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Material Identity

Product Name.....: COIL CLEANER

Product Code.....: 58-82 A F-025

REVISED DATE.....: 28-Apr-98

Company

Hidco Products Co Inc  
620 Spirit of St. Louis Blvd  
Chesterfield, MO 63005-1005

EMERGENCY RESPONSE:

CHENTREC .....: 1-800-424-9300

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	OSHA PEL	ACGIH TLV	V. O. C.
1. Diethylene Glycol Monoethyl Ether	111-90-0	Not Est.	Not Est.	X
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	
Total				9.4

SECTION 3 - HAZARD IDENTIFICATION

Potential Health effects:

None expected.

Symptoms of overexposure.:

Eyes.....: May cause irritation, redness, or watering.  
Skin.....: May cause irritation to persons with sensitive condition.  
Swallowing.....: May cause nausea, vomiting, stomach discomfort.  
Inhalation.....: Over exposure may cause nausea, vomiting, upper respiratory discomfort.

Medical Condition Aggravated by Exposure.:

Skin sensitivity, chemical allergies, heart condition.

SECTION 3 - HAZARD IDENTIFICATION

(Continued)

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Carcinogenic Status of Components:

IARC : Not Listed  
NTP : Not Listed  
ACGIH: Not Listed  
OSHA : Not Listed  
California Prop 65 (See Sec 15)

Target Organs: None

Primary Route(s) of Entry: Ingestion, Inhalation, Skin contact, Eye contact.

SECTION 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.  
Swallowing.....: Do not induce vomiting. Seek medical attention.  
Inhalation.....: Remove to fresh air.  
Note to Physicians: No data

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (TCC) of Product.....: Not Established  
Flame Projection of Spray.....: None  
Explosive Limit.....: Not Established  
Autoignition Temperature.....: No data  
Hazardous Products of Combustion.....: May form carbon dioxide, carbon monoxide.

Fire and Explosion Hazards: Exposure to temperature above 120 F. degrees may cause bursting.  
Extinguishing Media.....: CO2, Standard Foam, Dry Chemical, Halon.  
Fire Fighting Instructions: Wear self-contained breathing apparatus.

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

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

SECTION 7 - HANDLING AND STORAGE

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

HFA 30 8 Storage Level Number.....: 1