

COILEX PENETRATING COIL CLEANER

80-1205

HMIS RATING	
Health	1
Flammability	2
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	2
Reactivity	0
NFPA 30B LEVEL	
1	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-1205
PRODUCT NAME Coilex Penetrating Coil Cleaner
CHEMICAL FAMILY N/A
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
n-Butane (106-97-8)		1000ppm		3-5
2-butoxyethanol (111-76-2)	50ppm	20ppm		3-5
Diethylene Glycol Monoethyl Ether (111-90-0)				3-5
Propane (74-98-6)	1000ppm	1000ppm		3-5
Non-hazardous and other components below reportable levels				>90

Pennsylvania/ New Jersey Right to Know

Deionized Water (7732-18-5), Liquefied Petroleum Gas (68476-86-8)

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE).....	208.4 F
VAPOR PRESSURE PSIG @ 70°F.....	45-55
VAPOR DENSITY (AIR = 1).....	>1
SOLUBILITY IN WATER.....	Soluble
SPECIFIC GRAVITY (H ₂ O = 1).....	0.9697
MELTING/FREEZING POINT.....	N/A
EVAPORATION RATE (61%=1).....	ND
VOC content (by weight).....	N/A
APPEARANCE AND ODOR.....	Colorless compressed liquefied gas / characteristic odor

4. FIRE AND EXPLOSION DATA

FLASH POINT	-156 F
UPPER EXPLOSIVE LIMIT (%)	9.5
LOWER EXPLOSIVE LIMIT (%)	1.8
EXTINGUISHING MEDIA.....	Water spray, foam, CO ₂ , dry chemical.
SPECIAL FIREFIGHTING PROCEDURES.....	Container should be cooled to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers. As in any fire, wear a self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and fill protective gear.
FIRE AND EXPLOSION HAZARDS.....	Contents under pressure. Keep away from heat and open flames. Containers may rupture or explode in the heat of fire. Prolonged exposure to temperature above 130F may cause cans to burst. Vapor or gas may spread to distant ignition sources and flash back.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....	Inhalation, Skin, Eye Contact, and Ingestion
HEALTH HAZARDS (ACUTE AND CHRONIC).....	2-butoxy ethanol may be absorbed through the skin in toxic amounts in contact is repeated and prolonged and may cause blood damage. Can also damage CNS, liver and respiratory system. Kidney injury may occur. Cyanosis, liver enlargement, jaundice, irritation, and defatting of the skin may occur.
EYE	Health injuries are not known or expected under normal use.
INHALATION	Intentional misuse by concentrating and inhaling the product may be harmful or fatal.
SKIN	May be harmful if absorbed through the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.
INGESTION.....	Exposure by ingestion of an aerosol is unlikely. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

5. HEALTH EFFECTS DATA CON'T.

FIRST AID PROCEDURES

EYE CONTACT	Immediately flush eyes with plenty of water. Obtain medical attention if irritation persists.
SKIN CONTACT	Remove contaminated clothing. Wash with soap and water. Obtain medical attention if irritation persists.
INGESTION.....	Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
INHALATION	Call a physician if symptoms develop or persist.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines)..... This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

6. REACTIVITY

STABILITY	Risk of ignition. Stable under normal conditions.
INCOMPATIBILITIES.....	Heat, flames and sparks.
HAZARDOUS DECOMPOSITION PRODUCTS	May include oxides of carbon.
HAZARDOUS POLYMERIZATION.....	Will not occur under normal conditions.
HAZARDOUS POLYMERIZATION CONDITIONS.....	None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT

REQUIREMENTS.....	Chemical resistant gloves are recommended if needed to avoid prolonged skin contact and safety goggles are recommended. Wear impervious clothing as needed.
WASH REQUIREMENTS.....	Soap & water.
SPILL OR LEAK	
PROCEDURES	Wear protective clothing. Remove all sources of ignition and ventilated area. Soak up spill with inert absorbent and place into a designated container.
WASTE DISPOSAL	
METHODS.....	Do not puncture or incinerate cans. If empty; place in trash. Dump as chemical waste according to local, state, and federal regulations.
HANDLING & STORAGE	Avoid breathing vapors or spray mist. Avoid contact with eyes. Avoid prolonged contact with skin or clothing. Avoid contamination of food and feedstuffs. Wash thoroughly after handling. Keep away from heat, sparks, and flames. Store below 120°F.
OTHER PRECAUTIONS.....	Avoid breathing vapor, contact with eyes/skin. Allow product to reach room temperature before use.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**

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