

FEL-PRO CHEMICAL PRODUCTS L P -- N-1000 LUBRICANT, 51115-51117

=====  
MSDS Safety Information  
=====

FSC: 8030  
NIIN: 00-569-6476  
MSDS Date: 09/29/1993  
MSDS Num: CCPHL  
Product ID: N-1000 LUBRICANT, 51115-51117  
MFN: 02  
Responsible Party  
Cage: GO402  
Name: FEL-PRO CHEMICAL PRODUCTS L P  
Address: 7450 NORTH MCCORMICK BLVD  
Bo  
x: 1205  
City: SKOKIE IL 60076-8205  
Info Phone Number: 303-289-5651  
Emergency Phone Number: 800-424-9300 (CHEMTREC)  
Preparer's Name: CATHY GRIFFITH  
Proprietary Ind: Y  
Published: Y

=====  
Contractor Summary  
=====

Cage: GO402  
Name: FEL-PRO CHEMICAL PRODUCTS DIV OF FELT PRODUCTS  
Address: 7450 N MCCORMICK  
Box: 1205  
City: SKOKIE IL 60076-8205  
Phone: 303-289-5651  
Cage: 73165  
Name: FEL-PRO INC DIV OF FELT  
PRODUCTS MFG CO  
Address: 7450 N MCCORMICK  
Box: 1103  
City: SKOKIE IL 60076-4046  
Phone: 847-674-7700 OR 312-761-4500

=====  
Item Description Information  
=====

Item Name: ANTISEIZE COMPOUND  
=====

Ingredients  
=====

Name: \*\*\* PROPRIETARY \*\*\*  
-----  
=====

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: EYES: MOD IRRIT. SKIN: MOD IRRIT. PRLNG CONT MAY CAUSE DERM. INHAL: INHAL OF DUST AT LEVELS ABOVE REC EXPOS LIM MAY CAUSE METALLIC/SWEET TASTE, IRRIT OF PHARYNX, & POSS ULCERATION W/PERFORATION O

F NASAL SEPTUM. INGEST: MOD TOX. IRRIT TO MOUTH, THROAT & STOM, W/NAUS.

CHRONIC: RPTD & PRLNG INHAL (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ: OF GRAPHITE/CARBON DUSTS MAY CAUSE PULM FIBROSIS, EMPHYSEMA, & PNEUMOCONIOSIS. THE SEVERITY OF THESE EFTS IS GREATLY INFLUENCED BY THE PRESENCE OF OTHER HARMFUL MINERAL DUSTS, MOST NOTABLY C RYSTALLINE SILICA. THIS PROD CONTAINS ENCAPSULATED METAL POWDER WHICH CONTAI

NS COPPER & ZINC. NO EXPOS TO FREE

Medical Cond Aggravated By Exposure: PREEXISTING PULMONARY AND DERMATOLOGICAL DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO HAZARDOUS COMPONENTS.

First Aid: EYES: IMMED FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN. GET MED ATTN, IF IRRIT PERSISTS. SKIN: WASH W/SOAP & WATER. GET MED ATTN IF IRRIT DEVELOPS/PERSISTS. INHAL: NO SPECIFIC TREATMENT IS NEC SINCE THIS MATL IS NOT LIKELY TO BE HAZ BY INHAL. IF EXPOSED TO EXCESS LEVELS OF DUSTS/FUMES, REMO

VE TO FRESH AIR & GET MED ATTN IF COUGH/OTHER SYMPS DEVELOP. INGEST: IF SWALLOWED, DO NOT INDUCE

=====  
Handling and Disposal  
=====

Spill Release Procedures: RECLAIM CLEAN MATERIAL. CONTAMINATED MATERIAL SHOULD BE SWEEPED OR SHOVELED INTO APPROPRIATE CONTAINER AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: REVIEW ALL CURRENT FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING HEALTH AND DISPOSAL FOR APPROPRIATE DISPOSAL PROCEDURES. INCINERATION PREFERRED.

Handling And Storage Precautions: AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY.

Other Precautions: STORE AWAY FROM HEAT. KEEP OUT OF THE REACH OF CHILDREN.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: COC

Flash Point Text: 440F,227C

Extinguishing Media: DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures: WEAR NIOSH APPRVD SCBA & FULL PROT EQUIP(FP N).

USE WATER TO COOL EXPOS CONTRS. WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING W/SUBSEQUENT SPREAD OF FLAME.

Unusual Fire/Explosion Hazard: FINELY DIVIDED DUST IN AIR MAY PRESENT EXPLO

HAZ. PVNT DUST BUILDUP. CLSD CONTRS MAY RUPTURE/EXPLODE (DUE TO PRESS BUILD-UP) W

HEN EXPOSED TO EXTREME (SUP DAT)

#### Control Measures

Respiratory Protection: NONE NORMALLY REQUIRED UNDER GEN VENT. IF EXPOS LEVELS ARE UNKNOWN, IF LEVELS EXCEED TLV/PEL, OR IF EFTS OCCUR, USE NIOSH APPRVD DUST/MIST RESP IN ACCORDANCE W/APPLIC HLTH & SFTY REGS & MFR'S RECOMMEN DATIONS.

Ventilation: GENERAL VENTILATION USUALLY ADEQUATE.

Protective Gloves: CLOTH OR SYNTHETIC GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). CLEAN CLOTHING TO COVER SKIN.

Work Hygienic Practices: WASH HANDS BEFORE EATING. FOLLOW GEN INDUS SFTY PRACT DURING USE. DO NOT REUSE EMPTY CONTRS W/OUT COMMERCIAL (SUP DAT)

Supplemental Safety and Health: USERS OF THE "L" VERSION OF TO CONSULT "LR"

VERSION FOR ADDN INFO (FP N). EXPLO HAZ: HEAT. IRRIT &/TOX GASES/FUMES

MAY BE GENERATED BY THERMAL DECOMP/COMBUST. MATLS TO AVOID: CHLORATE, SODIUM CAR BONATE, SULFATES, DIBORANE. HYGIENE PRACT: CLEAN/RECONDITION. FOLLOW ALL MSDS/LABEL PREC EVEN AFTER CONTR IS EMPTIED.

#### Physical/Chemical Properties

B.P. Text: >0F,>-18C

Vapor Density: HVR/AIR

Spec Gravity: 1.2331

Evaporation Rate & Reference: SLOWER THAN BUTYL ACETATE

Solubility in Water: NEG

LIGIBLE

Appearance and Odor: COPPER LIQUID, MILD OIL ODOR

=====  
Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: PROLONGED EXPOSURE TO HEAT.

Materials To Avoid: NITRATES, NITRITES, CHLORINATED HYDROCARBONS, CHLORIDES,  
PALLADIUM, SELENIUM, MANGANESE, MAGNESIUM + POTASSIUM (SUP DAT)

Hazardous Decomposition Products: OXIDES OF CARBON. VARIOUS HYDROCARBONS.

Hazardous Pol

ymmerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====  
HAZCOM Label  
=====

Product ID: N-1000 LUBRICANT, 51115-51117

Cage: GO402

Assigned IND: Y

Company Name: FEL-PRO CHEMICAL PRODUCTS DIV OF  
FELT PRODUCTS

Street: 7450 N MCCORMICK

PO Box: 1205

City: SKOKIE IL

Zipcode: 60076-8205

Health Emergency Phone: 800-424-9300 (CHEMTREC)

Label Required IND: Y

Date Of Label Review: 10/11/1996

Status Code: C

Label Date: 10/11/1996

Origination Code: G

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: ACUTE: EY

ES: MODERATE IRRITATION. SKIN: MODERATE IRRITATION. PROLONGED CONTACT MAY CAUSE DERMATITIS. INHALATION: INHALATION OF DUST AT LEVELS ABOVE RECOMMENDED EXPOSURE LIMITS MAY CAUSE METALLIC OR SWEET TASTE, IRRITATION OF PHARYNX, AND POSSIBLE ULCERATION WITH PERFORATION OF NASAL SEPTUM. INGESTION: MODERATELY TOXIC. IRRITATING TO MOUTH, THROAT AND STOMACH, WITH NAUSEA. CHRONIC: REPEATED AND PROLONGED INHALATION OF DUSTS MAY CAUSE PULMONARY FIBROSIS, EMPHYSEMA AND PNEUMOCONIOSIS.

=====

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality

of the United

States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.