

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER AND COMPANY, INC.  
15 Wing Drive EMERGENCY PHONE,.....: 973-267-4100  
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist  
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: COPPER KLAD  
CHEMICAL NAME/SYNONYMS: Anti-seize Lubricant/Sealant  
CHEMICAL FAMILY.....: Grease with Copper Flakes  
FORMULA.....: Complex Mixture  
PRODUCT CODE.....: 141-300

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\*  
\* HEALTH..... 1 \*  
\* FLAMMABILITY.. 1 \*  
\* REACTIVITY..... 0 \*  
\* PROTECTION.... A \*  
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SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

| CHEMICAL/COMMON NAME | CAS-NUMBER | %     | PEL-OSHA | TLV-ACGIH |
|----------------------|------------|-------|----------|-----------|
| *Metallic Copper     | 7440-5-8   | 60-80 | 1 mg/m3  | 1 mg/m3   |
| Petroleum Grease     | 64742-62-7 | 12    | N/ I     | N/ I      |
| Petroleum Grease     | 64742-65-0 | 11    | N/ I     | N/ I      |

\*this ingredient is reportable under EPA  
SARA Title 111-please check applicable  
states for additional regulations.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

| CHEMICAL/COMMON NAME | CAS-NUMBER | %   | NTP | IARC | OSHA |
|----------------------|------------|-----|-----|------|------|
| N/A                  | N/A        | N/A | N/A | N/A  | N/A  |

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-  
EYES: Slight transient irritation.  
SKIN: Not likely to be absorbed, may cause slight defatting.  
INGESTION: HARMFUL IF SWALLOWED. Symptoms of acute and chronic exposure from ingestion or inhalation of smokes containing Copper include: Possible liver, pancreas and blood effects. Acute effects of irritation, sneezing and nausea

are possible.

INHALATION: Smokes containing this material are harmful if inhaled. Chronic injury can occur from repeated or prolonged overexposure to mists or smokes.

PRIMARY ROUTES OF ENTRY-

Skin contact, inhalation of smokes, ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

None known.

EMERGENCY FIRST AID PROCEDURES-

EYES or SKIN: Flush with water. Consult physician.

IF SWALLOWED: Induce vomiting by any means available, call physician or Poison Control Center immediately.

SECTION 4 - CHEMICAL DATA

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|                              |                                     |
|------------------------------|-------------------------------------|
| BOILING POINT (F).....: N/I  | SPECIFIC GRAVITY (WATER=1).....: "3 |
| VAPOR PRESSURE (mmHg): <0.01 | PERCENT VOLATILE BY VOLUME (%): nil |
| VAPOR DENSITY (AIR=1): >1    | EVAPORATION RATE (N/A =1): N/A      |

SOLUBILITY IN WATER-

Insoluble.

APPEARANCE AND ODOR INFORMATION-

Copper semi-solid with no odor.

SECTION 5 - PHYSICAL HAZARD DATA

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FLASH POINT (Method Used): 404F COC      FLAMMABLE LIMITS : Lel=N/I    UEL=N/I

EXTINGUISHING MEDIA-

Foam, carbon dioxide, dry chemical, sand or earth.

SPECIAL FIRE FIGHTING PROCEDURES-

Use self-contained breathing apparatus. Prevent any personnel from breathing smokes from this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

None known.

INCOMPATIBILITY (Materials To Avoid)-

Strong oxidizing agents, open flame and ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS-

Carbon monoxide, carbon dioxide.

WILL HAZARDOUS POLYMERIZATION OCCUR-

Not known to occur.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
Yes, the product is stable.

CONDITIONS TO AVOID FOR STABILITY-  
Strong oxidizing agents.

SECTION 6 - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Soak up with sand, earth or rags. Note: Oily rags can pose spontaneous combustion hazard.

WASTE DISPOSAL METHODS-  
Consult appropriate Federal, State and local authorities.

SECTION 7 - EXPOSURE CONTROL INFORMATION  
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|                     |                            |
|---------------------|----------------------------|
| VENTILATION-        |                            |
| LOCAL EXHAUST: None | MECHANICAL (General): Good |
| SPECIAL.....: N/A   | OTHER.....: N/A            |

RESPIRATORY PROTECTION-  
None normally needed.

PROTECTIVE GLOVES-  
Not normally needed.

OTHER PROTECTIVE EQUIPMENT-  
Safety Glasses if splash is possible, eyewash station.

OTHER ENGINEERING CONTROLS-  
None deemed necessary.

WORK PRACTICES-  
Prevent contact of this material with food, food handling surfaces and pipes carrying potable water.

HYGIENIC PRACTICES-  
Wash hands after use and before eating or using lavatory facilities.

SECTION 8 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-  
Store at ambient conditions away from ignition sources.

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CSS-14038

MATERIAL SAFETY DATA SHEET 00313  
CHEM-POWER DIV/FOSTER & CO

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MAINTENANCE PRECAUTIONS-  
N/A

OTHER PRECAUTIONS-  
KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-  
Freight Classification: Compound,Lubricating.  
For transportation emergency call INFOTRAC 1-800-535-5053 24 hrs/ 7 days.