

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER AND COMPANY, INC.

15 Wing Drive
Cedar Knolls
NJ 07927

EMERGENCY PHONE,.....: 973-267-4100
PREPARATION/REVISION DATE: 02/14/02

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)

*
* HEALTH..... 1 *
* FLAMMABILITY.. 1 *
* REACTIVITY..... 0 *
* PROTECTION.... A *
*

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

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.