

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER & CO., 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...: CARDINAL RED
CHEMICAL NAME/SYNONYMS: Extra Heavy Duty Non-Melt Grease
CHEMICAL FAMILY.....: Petroleum Grease
FORMULA.....: Complex Mixture
PRODUCT CODE.....: 12-20

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
Severely hydrotreated naphthenic distillate	64742-52-5	<88	5mg/m3 TWA for	5mg/m3 oil mist
Metal dialkyldithiocarbamate	15890-25-2	<3	5mg/m3 TWA for	5mg/m3 oil mist
Latex suspension	9006-27-4	<1	N/I	N/I
Polyisobutylene	9004-27-4	<1	5mg/m3 TWA for	5mg/m3 oil mist
Rheological thickener	68953-58-2	>6	N/I	N/I

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	NIA

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-
INHALATION: Not expected to be a problem. Massive exposure to vapors or fumes may cause headache, dizziness, and/or drowsiness.
EYE CONTACT: May cause irritation.

SKIN CONTACT: Repeated or prolonged contact may cause irritation and/or dermatitis.

INGESTION: May cause gastrointestinal disturbances: nausea, vomiting, diarrhea

CHRONIC EFFECTS: None known.

PRIMARY ROUTES OF ENTRY-

Skin and eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

Dermatitis.

EMERGENCY FIRST AID PROCEDURES-

EYES: Immediately flush with water for 15 Minutes. Hold eyes open to rinse entire area. Call physician.

INGESTION: Not expected to be a problem. If more than 1/2 pint ingested, seek medical aid.

SKIN: Wash thoroughly with soap and water.

INHALATION: Not expected to be a problem. Move from source of vapor or fumes.

SECTION 4 - CHEMICAL DATA

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BOILING POINT (F).....: N/A	SPECIFIC GRAVITY (WATER=1).....: 0.8
VAPOR PRESSURE (mmHg): N/A	PERCENT VOLATILE BY VOLUME (%): N/A
VAPOR DENSITY (AIR=1): 12	EVAPORATION RATE (N/A =1): N/A

SOLUBILITY IN WATER-

Negligible.

APPEARANCE AND ODOR INFORMATION-

Red gel, with oil odor.

SECTION 5 - PHYSICAL HAZARD DATA

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FLASH POINT (Method Used): >400F COC FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-

Dry chemical (preferred), carbon dioxide, foam, water.

SPECIAL FIRE FIGHTING PROCEDURES-

Use water to cool fire-exposed containers, structures, and to protect personnel. Water or foam may cause frothing. Firefighters may need to wear positive pressure self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

Empty containers retain residue and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO STATIC ELECTRICITY, HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION.

INCOMPATIBILITY (Materials To Avoid)-
Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS-
Thermal: unidentified organics. Oxidation: oxides of carbon.

WILL HAZARDOUS POLYMERIZATION OCCUR-
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-
None known.

IS THE PRODUCT STABLE-
Yes.

CONDITIONS TO AVOID FOR STABILITY-
None known.

SECTION 6 - SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-
Absorb on fire resistant absorbent. Place in properly labeled non-leaking
containers for proper disposal.

WASTE DISPOSAL METHODS-
Dispose of at an appropriate waste disposal facility in accordance with
current local, state, and federal laws and regulations.

SECTION 7 - EXPOSURE CONTROL INFORMATION
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VENTILATION-
LOCAL EXHAUST: Adequate ventilation MECHANICAL (General): Not needed
SPECIAL.....: N/A OTHER.....: N/A

RESPIRATORY PROTECTION-
Not needed.

PROTECTIVE GLOVES-
Impervious to oils for repeated or constant use.

OTHER PROTECTIVE EQUIPMENT-
Oil resistant apron to prevent clothing contamination.

OTHER ENGINEERING CONTROLS-
N/I

WORK PRACTICES-
Do not wear oil soaked clothing.

HYGIENIC PRACTICES-

Wash hands before eating or using lavatory facilities.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Keep away from flames, sparks, or hot surfaces. Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Keep containers closed.

MAINTENANCE PRECAUTIONS-

N/A

OTHER PRECAUTIONS-

KEEP OUT OF REACH OF CHILDREN!

Do not wear contaminated clothing. Wash skin thoroughly after handling.
Clean empty containers properly.

ADDITIONAL COMMENTS-

Shipping Name: Grease Lubricant, NOI. Class **65**,