

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...: UNLOX (aerosol)
CHEMICAL NAME/SYNONYMS: Penetrating Lubricant
CHEMICAL FAMILY.....: Solvent solution
FORMULA.....: Mixture
PRODUCT CODE.....: 19-18

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

* HEALTH..... 1 *
* FLAMMABILITY.. 3 *
* REACTIVITY.... 0 *
* PROTECTION.... A *

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Petroleum Distillate	8032-32-4	86	500	100 ppm
Paraffinic Base Oil	64742-54-7	4.5	3mg/m3	as mist
Sodium Petroleum Sulfonate	68608-26-4	2-4	N/I	N/I
Hexylene Glycol	107041-5	<1	N/I	N/I
Diethylene Glycol	111-46-6	<1	N/I	N/I
Carbon Dioxide (Propellant)	124-38-9	3	1000 ppm	1000 ppm

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)-
ACUTE: High vapor concentrations (greater than approximately 1000 ppm) are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other CNS effects. Skin: Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

CHRONIC: Chronic effects on humans are unknown. Studies on rats exposed to petroleum solvents are being repeated to check for possible kidney effects.

PRIMARY ROUTES OF ENTRY-
Inhalation and skin exposure

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
None known

EMERGENCY FIRST AID PROCEDURES-
EYE CONTACT: If splashed into the eyes, flush with clear water of 15 minutes or until irritation subsides. Consult physician.
SKIN CONTACT: Remove any contaminated clothing and launder before re-use. Wash affected area with mild soap and water.
INHALATION: Call physician immediately if symptoms of over-exposure occur (See health effects). Maintain respiration artificially if breathing has stopped. Inhalation injury symptoms may appear several hours after over-exposure, call physician if difficulty in breathing or severe pulmonary congestion occur in the 24 hours after over-exposure.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: 305 F SPECIFIC GRAVITY (WATER=1).....: 0.82
VAPOR PRESSURE (mmHg): <10 PERCENT VOLATILE BY VOLUME (%): 93
VAPOR DENSITY (AIR=1): "4.8 EVAPORATION RATE (water =1): <0.1

SOLUBILITY IN WATER-
Emulsifies

APPEARANCE AND ODOR INFORMATION-
Amber liquid with petroleum solvent odor in aerosol can

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): 104 F base FLAMMABLE LIMITS : Lel=0.9 UEL=7

EXTINGUISHING MEDIA-
Alcohol foam, CO2, dry chemical, water fog

SPECIAL FIRE FIGHTING PROCEDURES-
Use water spray to cool cans/prevent explosion. Self-contained breathing app.

UNUSUAL FIRE AND EXPLOSION HAZARDS-
Temperatures above 130F may cause aerosol cans to explode
Extremely flammable by CPSC Flame Extension Test.

INCOMPATIBILITY (Materials To Avoid)-
Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS-

Carbon Monoxide, Carbon Dioxide, Oxides of Sulfur

WILL HAZARDOUS POLYMERIZATION OCCUR-

No

CONDITIONS TO AVOID FOR POLYMERIZATION-

None known

IS THE PRODUCT STABLE-

Product is stable under any ambient conditions.

CONDITIONS TO AVOID FOR STABILITY-

Temperatures above 120 F

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-

Shut off or eliminate ignition sources. Soak up with absorbant and place in metal containers for disposal. Keep product out of water-courses. Notify authorities if product has entered any water-course, sewer or extensive land area.

WASTE DISPOSAL METHODS-

Consult Federal, State, and local authorities. Once aerosol cans are empty evacuate to atmospheric pressure and wrap in paper for disposal in secure land fill. DO NOT INCINERATE EMPTY AEROSOL CANS OR ATTEMPT TO REUSE THEM.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-

LOCAL EXHAUST: Good necessary

SPECIAL.....: No Smoking

MECHANICAL (General): N/A

OTHER.....: N/A

RESPIRATORY PROTECTION-

Not normally needed

PROTECTIVE GLOVES-

impervious rubber or polyethylene

OTHER PROTECTIVE EQUIPMENT-

Splashproof goggles

OTHER ENGINEERING CONTROLS-

N/I

WORK PRACTICES-

Do not spray around materials that are warmer than 100 F

Do not cut or weld surfaces while using this material unless area has been cleaned and dried.

HYGIENIC PRACTICES-

Wash hands after using, especially before eating or using lavatory facilities.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-
DO NOT STORE ABOVE 120 F.

MAINTENANCE PRECAUTIONS-
N/A

OTHER PRECAUTIONS-
KEEP OUT OF REACH OF CHILDREN

ADDITIONAL COMMENTS-

EXTREMELY FLAMMABLE BY CPSC FLAME EXTENSION TEST.

Freight Classification: Consumer Commodity ORM-D

AIR TRANSPORT of this product is PROHIBITED.

For transportation emergency call CHEMTREC 1-800-535-5053, 24hr/7 days.