

**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...: CHEM-LUBE (Aerosol)  
CHEMICAL NAME/SYNONYMS: Teflon Lubricant  
CHEMICAL FAMILY.....: Solution  
FORMULA.....: Mixture  
PRODUCT CODE.....: 19-21

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)**

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\* HEALTH..... 2 \*  
\* FLAMMABILITY.. 4 \*  
\* REACTIVITY.... 0 \*  
\* PROTECTION.... B \*  
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**SECTION 2 - HAZARDOUS INGREDIENTS**

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Hexane	110-54-3	29	500 ppm	500 ppm
*1,1,1 Trichloroethane (Stel 450 ppm)	71-55-6	11	350 ppm	350 ppm
*Trichlorotrifluoroethane	76-13-1	8	1000 ppm	1000 ppm
Propane /Isobutane	74-98-6	51	1000 ppm	1000 ppm
Non-Hazardous Mixture	N/ I	1	N/ I	N/ I

\*Reportable under EPA SARA Title III-  
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)-  
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have

been reported to affect the central nervous system.  
SIGNS AND SYMPTOMS OF EXPOSURE: INHALATION-Difficulty in breathing.  
SKIN-Redness. INGESTION-Vomiting.

PRIMARY ROUTES OF ENTRY-  
Inhalation, skin, ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
May aggravate existing eye, skin, upper respiratory, and possibly heart conditions.

EMERGENCY FIRST AID PROCEDURES-  
EYE CONTACT: Flush with water for 15 minutes. If irritated, see physician.  
SKIN CONTACT: Wash with soap and water. If irritated, see physician.  
INHALATION: Remove to fresh air. Resuscitate if necessary. Get medical aid.  
INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

#### SECTION 4 - CHEMICAL DATA

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BOILING POINT (F).....: -40F *	SPECIFIC GRAVITY (WATER=1).....: 0.6
VAPOR PRESSURE (mmHg): 37	PERCENT VOLATILE BY VOLUME (%): >99
VAPOR DENSITY (AIR=1): 4.0	EVAPORATION RATE (N-Butyl Acetate =1): >1

SOLUBILITY IN WATER-  
Slight \*Boiling point is range -40 to 191 F

APPEARANCE AND ODOR INFORMATION-  
Spray with etheric odor that leaves a whitish residue (TEFLON\*) \*Dupont TM

#### SECTION 5 - PHYSICAL HAZARD DATA

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FLASH POINT (Method Used): -40F T.C.C. FLAMMABLE LIMITS : Lel=1.8 UEL=12.0

EXTINGUISHING MEDIA-  
Use water fog, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES-  
Self contained breathing apparatus. Aerosol cans may rupture when heated.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
Do not expose aerosols to temperatures above 130F or the container may rupture explosively. Non-Flammable by CPSC Flame Extension test.

INCOMPATIBILITY (Materials To Avoid)-  
Strong oxidizing agents, not compatible with active metals.

HAZARDOUS DECOMPOSITION PRODUCTS-  
In fire will decompose to halogen acids and phosgene, CO2 & water.

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 with suitable medium. put into container. Incinerate or landfill according to local, state, or federal regulations. Do not flush to sewer. Be carefull to avoid falls as residue is slippery.

WASTE DISPOSAL METHODS-  
Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. Evacuate to atmospheric pressure, wrap in paper and place in container for landfill. Do not incinerate. Do not dispose of any full cans without consulting prevailing federal, state and local authorities.

**SECTION 7 - EXPOSURE CONTROL INFORMATION**  
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VENTILATION-  
LOCAL EXHAUST: Yes  
SPECIAL.....: N/I  
MECHANICAL (General): Do not exceed TLV.  
OTHER.....: N/I

RESPIRATORY PROTECTION-  
If vapor conc. exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.

PROTECTIVE GLOVES-  
None required if spraying.

OTHER PROTECTIVE EQUIPMENT-  
Safety glasses recommended, long sleeve and long pants.

OTHER ENGINEERING CONTROLS-  
N/A

WORK PRACTICES-  
Clean up with waterless hand cleaner and/or soap and water.

HYGIENIC PRACTICES-  
Wash with soap and water before handling food or using lavatory facilities. Remove contaminated clothing and launder before reuse.

**SECTION 8 - SPECIAL PRECAUTIONS**  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Do not puncture or incinerate containers. Do not store at temperatures above 130F. Keep boxes and cans dry to prevent rust penetration.

MAINTENANCE PRECAUTIONS-

**N/I**

OTHER PRECAUTIONS-

Avoid food contamination. KEEP OUT OF REACH OF CHILDREN. Avoid breathing vapors.

ADDITIONAL COMMENTS-

Shipping **Name:** Consumer Commodity ORM-D. Warning: Contents under pressure. NOT SUITABLE FOR AIR TRANSPORT.