

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 GON (aerosol)  
CHEMICAL NAME/SYNONYMS: Engine/ Small Parts Degreaser  
CHEMICAL FAMILY.....: Emulsifiable Petroleum Solvent Solution  
FORMULA.....: Complex Mixture  
PRODUCT CODE.....: 19-52

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH..... 2 \*  
\* FLAMMABILITY.. 3 \*  
\* 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
Petroleum distillate	8032-32-4	75-85	500	100 ppm
Nonylphenoxypolyethoxy ethanol	26027-38-3	6-9	N/I	N/I
Dimethyl Glutarate	1119-40-0	10-15	N/I	N/I
Dimethyl Adipate	627-93-0	5-10	N/I	N/I
Dipropylene Glycol Methyl ether	20324-32-7	5-10	100 ppm	100 ppm
Carbon Dioxide (Propellant)	124-38-9	2-4	N/I	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 are irritating to the respiratory tract and to the eyes. Tightness in chest, headaches, nausea dizziness and other symptoms of Central Nervous System depression can result. Skin: Prolonged or repeated skin contact can cause dry skin dermatitis and general discomfort related to defatted skin. Potentially harmful amounts can be absorbed by skin.

CHRONIC: Chronic effects on humans are unknown. Studies on rats exposed to petroleum solvents are being repeated to check for possible kidney effects.  
EYES: Severe irritant but damage is not expected to be permanent.  
INGESTION: Harmful if swallowed. Absorption of product through digestive tract wall can cause Central Nervous System effects observed with inhalation overexposure. Vomiting of ingested product may cause aspiration of potentially harmful amounts leading to chemical pneumonia.

PRIMARY ROUTES OF ENTRY-  
Inhalation and skin exposure

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
Those who are exposed who have pre-existing respiratory or heart ailments should be monitored for adverse effects.

EMERGENCY FIRST AID PROCEDURES-  
EYE CONTACT: If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. Consult physician immediately.  
SKIN CONTACT: Remove any contaminated clothing and launder before reuse. Wash affected area with mild soap and water. Call physician if irritation persists.  
INHALATION: Call physician immediately if symptoms of overexposure occur (See health effects). Maintain respiration artificially if breathing has stopped. Inhalation injury symptoms may appear several hours after overexposure, call physician if difficulty in breathing or severe pulmonary congestion occur in the 24 hours after overexposure.  
INGESTION: DO NOT INDUCE VOMITING. If vomiting occurs keep head below hips to prevent aspiration of vomited product, If conscious, give large quantities of water. Call physician immediately.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: 305 F                      SPECIFIC GRAVITY (WATER=1).....: 0.83  
VAPOR PRESSURE (mmHg): <10                      PERCENT VOLATILE BY VOLUME (%): 90-94  
VAPOR DENSITY (AIR=1): "4.8                      EVAPORATION RATE (water =1): t0.1

SOLUBILITY IN WATER-  
Emulsifies

APPEARANCE AND ODOR INFORMATION-  
Clear 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, minor amounts of toxic Chloride gases.

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 absorbent and place in metal containers for disposal. Keep product out of watercourses. Notify authorities if product has entered any watercourse, sewer or extensive land areas. Be careful as spills will be slippery.

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

MECHANICAL (General): N/A

SPECIAL.....: No Smoking

OTHER.....: N/A

RESPIRATORY PROTECTION-

Not normally needed. NIOSH approved for Hydrocarbons if necessary.

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. Use only in well-ventilated areas. If spraying an engine compartment remove hood or wear hydrocarbon vapor mask. Maintain exposure level below 100 ppm.

HYGIENIC PRACTICES-

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

SECTION 8 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-  
DO NOT STORE ABOVE 120 F. Keep cans dry.

MAINTENANCE PRECAUTIONS-  
N/A

OTHER PRECAUTIONS-  
KEEP OUT OF REACH OF CHILDREN

ADDITIONAL COMMENTS-

EXTREMELY FLAMMABLE BY FLAME EXT. TEST. DOT name: Consumer Commodity ORM-D.  
This product is not suitable for air transport.  
For transportation emergency call Infotrac 1-800-535-5053 24hr/ 7days.