

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  
New Jersey 07927  
PREPARER/CONTACT: Gary Adams, Chemist

LOCATION : Whs 1

TRADE NAME/SYNONYMS...: CITRI-SOLV  
CHEMICAL NAME/SYNONYMS: Emulsifiable solvent degreaser  
CHEMICAL FAMILY.....: Orange terpene solution  
FORMULA.....: Mixture  
PRODUCT CODE.....: 17-88

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH..... 2 \*  
\* FLAMMABILITY.. 2 \*  
\* 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
D-Limonene	5989-27-5	80.0	N/ I	N/ I
Nonyl phenol ethoxylate	26027-38-3	10.0	N/ I	N/ I
Nonyl phenol ethoxylate	68412-54-4	10.0	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	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-  
INHALATION: Not considered harmful.  
EYE CONTACT: Corrosive to eyes.  
SKIN CONTACT: Irritant.  
INGESTION: May cause nausea, vomiting or diarrhea.  
CHRONIC EFFECTS: None identified.

PRIMARY ROUTES OF ENTRY-  
Skin absorption, ingestion, eye.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

Exposure to aromatics vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

EMERGENCY FIRST AID PROCEDURES-

EYE CONTACT: Wash with cool water 15 minutes. If irritation persists call a physician.  
SKIN CONTACT: Wash with soap and water for 15 minutes if irritation develops.  
INHALATION: Remove to fresh air.  
INGESTION: Drink large volumes of milk or other liquid. Consult a physician.

**SECTION 4 - CHEMICAL DATA**  
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BOILING POINT (F).....: >340F	SPECIFIC GRAVITY (WATER=1).....: .88
VAPOR PRESSURE (mmHg): <2	PERCENT VOLATILE BY VOLUME (%): 5@100C
VAPOR DENSITY (AIR=1): 4.7	EVAPORATION RATE (ether =1): <.1

SOLUBILITY IN WATER-  
Emulsifies.

APPEARANCE AND ODOR INFORMATION-  
Clear fluid, pale yellow color with orange peel odor.

**SECTION 5 - PHYSICAL HAZARD DATA**  
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FLASH POINT (Method Used): 124F ccc.      FLAMMABLE LIMITS : Lel=.7      UEL=6.1

EXTINGUISHING MEDIA-  
Dry powder, foam, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES-  
Avoid use of water as it may spread flame. Class B fire procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
Combustible liquid, keep away from sparks and open flame.

INCOMPATIBILITY (Materials To Avoid)-  
Avoid strong oxidizing agents, flame or elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS-  
None known other than oxides of carbon.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
Not known to occur.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
Polymerization catalyts such as aluminum chloride.



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MATERIAL SAFETY DATA SHEET 00229  
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OTHER PRECAUTIONS-  
KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-  
SHIPPING NAME: Compound,Cleaning,Liquid,(d-Limonene), Hazard Class 3,NA-1993,  
Packing Group 11, FLAMMABLE LIQUID label required.  
FOR TRANSPORTATION EMERGENCY ONLY, CALL INFOTRAC 1-800-535-5053 24 hr/7 days.