



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CHEMLEASE ONE FS  
MANUFACTURER'S NAME: CHEM-TREND LIMITED PARTNERSHIP  
ADDRESS: 1445 W. MCPHERSON PARK DR.  
HOWELL, MI 48844-0860  
CHEMICAL FAMILY: Release blend in solvent

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CONC.	CAS NUMBER
1. SOLVENT BLEND****	90-100%	***
2. RELEASE BLEND**	BALANCE	***

\*\* Ingredients are nonhazardous (based on suppliers' MSDS forms) as compounded, when the product is used as directed.

\*\*\* All ingredients are listed in the TSCA inventory or meet EPA criteria for exemption.

\*\*\*\* The identity of one or more components is proprietary information and is regarded as a Trade Secret. Known health hazards are listed in the Hazards Identification section below.

EXPOSURE LIMITS

INGREDIENT	OSHA TWA	ACGIH TLV	STEL	UNITS	NOTES
1.	100.000	100.000		PPM	FUME

3. HAZARDS IDENTIFICATION

LISTED CARCINOGENS (NTP, IARC OR OSHA): NONE

ROUTES OF EXPOSURE AND ACUTE EFFECTS:

NOTE: The following hazards described below are those of the solvent system.

Skin Contact: Prolonged or repeated contact may defat skin which may cause irritation or dermatitis. Avoid skin contact.  
Eye Contact: Liquid product splashed in the eye will probably irritate the eye.  
Inhalation: Vapor concentrations above the TLV may cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, and even asphyxiation (at extreme levels).  
Ingestion: May cause irritation of the gastrointestinal (digestive) tract, nausea, vomiting and diarrhea. If product is accidentally swallowed, do not induce vomiting because of the danger of aspiration of the solvent into the lungs, which can be fatal due to chemical pneumonitis.

CHRONIC EFFECTS: There is minimal evidence for serious effects of chronic exposure (to the solvent) for humans, according to the American Conference of Governmental Industrial Hygienists. (Documentation for "Stoddard Solvent").



3. HAZARDS IDENTIFICATION CONTINUED

OTHER HAZARDS:  
Not Applicable

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Skin Contact: Wash with soap and water. Launder contacted clothing before reuse.  
Eye Contact: Flush with water for at least 15 minutes. Contact a physician.  
Inhalation: If adverse effects such as dizziness, nausea or irritation are noted, move to fresh air. Contact physician.  
Ingestion: If product is swallowed, DO NOT induce vomiting. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT (deg.F): 40 (Method Used): PENSKY-MARTENS  
FLAMMABLE LIMITS IN AIR, % BY VOLUME: Not Applicable

DANGER: EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE

EXTINGUISHING MEDIA: Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Respiratory and eye protection required for fire fighting personnel. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear.

UNUSUAL FIRE AND EXPLOSION PROCEDURES: EXTREMELY FLAMMABLE! Isolate from oxidizers, heat, sparks, electric equipment and open flame.

CONTAINER HANDLING: Do not cut or weld on empty containers unless they are thoroughly cleaned. Keep container tightly closed. Closed containers may explode if exposed to extreme heat. Empty container very hazardous!

6. ACCIDENTAL RELEASE MEASURES

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

Small Spills: Soak up with absorbent material.  
Large Spills: Eliminate all sources of ignition. Vapors are heavier than air and may spread long distances or collect in low spots. Dike area to prevent runoff, recover liquid and soak up remaining liquid with absorbent material.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Ground all equipment pumping the product. Protect from static electrical sparks or other ignition sources. Store away from strong oxidizers.

Do not store at temperatures above 110 deg. F to avoid vapor pressure in closed containers. Keep containers closed when not in use.



7. HANDLING AND STORAGE CONTINUED

OTHER PRECAUTIONS: None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Good industrial hygiene practices recommend that engineering controls (such as local and/or mechanical ventilation) be used to reduce environmental concentrations to the permissible exposure level. Respirators may be used when engineering and work practice controls are not technically feasible, when such controls are in the process of being installed, or when they fail and need to be supplemented. If the use of a respirator is necessary use only a MSHA/NIOSH approved air supplied respirator or an air-purifying respirator.

PROTECTIVE GLOVES: Impervious gloves (such as neoprene, polyvinyl alcohol, NBR nitrile).

EYE PROTECTION: Safety glasses with side shields or chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Appropriate clothing to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (deg.F) (Initial):	220
SPECIFIC GRAVITY:	0.73
VAPOR PRESSURE (mm Hg):	Not determined
VAPOR DENSITY (air=1)	Not determined
PERCENT VOLATILE BY WEIGHT:	90-100
EVAPORATION RATE (ETHER=1)	Not determined
SOLUBILITY IN WATER:	Insoluble
pH:	Not applicable
APPEARANCE AND ODOR:	Clear colorless liquid, slight mineral spirit odor

10. STABILITY AND REACTIVITY

STABILITY: Stable  
CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Store away from strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbon decomposition products and formaldehyde at elevated temperatures

HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: None known

11. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

RCRA HAZARDOUS WASTE DESIGNATION: This product does fall under current EPA RCRA definitions of hazardous waste with designation: D001 because of its ignitability if the product is disposed of in its original form.



12. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: FLAMMABLE LIQUIDS, N.O.S. (HYDROCARBON NAPHTHA)
HAZARD CLASS: 3
HAZARD ID NUMBER: UN1993 PG II

13. REGULATORY INFORMATION

OCCUPATIONAL SAFETY And HEALTH ADMINISTRATION (OSHA)
29 CFR 1910.1200 Hazardous Chemical: YES

SUPERFUND AMENDMENTS And REAUTHORIZATION ACT OF 1986 (SARA)
Section 302, Extremely Hazardous Substance: NO
Section 311, Hazardous Chemical: YES
Hazard categories: Fire - YES, Reactivity - NO
Sudden release of pressure - NO, Immediate - YES, Delayed - NO

TOXIC SUBSTANCE CONTROL ACT (TSCA)
This product is a mixture and is not listed in the TSCA Inventory. The individual ingredients in the product are listed in the inventory.

CERCLA (Superfund) REPORTABLE QUANTITY: This product does not contain any CERCLA regulated materials.

APPROVAL: ISSUED: 01/07/04 REVIEWED: 02/13/07

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