

CHEM-TREND LIMITED PARTNERSHIP
MATERIAL SAFETY DATA SHEET
EMERGENCY TELEPHONE NO. 517-546-4520

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LUSIN PROTECT G 31
MANUFACTURER'S NAME: CHEM-TREND LIMITED PARTNERSHIP
ADDRESS: 1445 W. MCPHERSON PARK DR.
HOWELL, MI 48844-0860
CHEMICAL FAMILY: Release blend in hydrocarbon solvent

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CONC.</u>	<u>CAS NUMBER</u>
1. PETROLEUM HYDROCARBON	90-99%	64742-49-0
2. RELEASE BLEND	1-10%	***

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

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 can 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, and headache. At very high levels, anesthesia and asphyxiation are possible.
Ingestion: May cause gastrointestinal (digestive) tract irritation. Acute oral toxicity of the solvent mixture has not been measured but is assumed to be low on the basis of knowledge of the components. 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 little or no evidence for adverse effects on humans due to long-term exposure to vapors of the component solvents at TLV levels or below.

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.

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4. FIRST AID MEASURES CONTINUED

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): < 14 (Method Used):

FLAMMABLE LIMITS IN AIR, % BY VOLUME:	LOWER (lel)	UPPER (uel)
PETROLEUM HYDROCARBON	1	7.3

DANGER: FLAMMABLE. Keep away from heat, sparks and flames.

EXTINGUISHING MEDIA: Use foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus when fire fighting in a confined space.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

CONTAINER HANDLING: Do not cut, puncture or weld on empty drum because it may contain explosive or harmful vapors.

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.

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.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION CONTINUED**

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): > 95
SPECIFIC GRAVITY: 0.70
VAPOR PRESSURE (mm Hg): 573 hPA at 68F
VAPOR DENSITY (air=1) Not Available
PERCENT VOLATILE BY WEIGHT: 90-99
EVAPORATION RATE Not Available
SOLUBILITY IN WATER: Insoluble
pH: Not applicable
APPEARANCE AND ODOR: Whitish fluid; product specific odor

10. **STABILITY AND REACTIVITY**

STABILITY: Stable
CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Store away from strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbon decomposition products 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: HYDROCARBONS, LIQUID, MIXTURE, N.O.S.
HAZARD CLASS: 3
HAZARD ID NUMBER: UN3295 PG II

13. **REGULATORY INFORMATION**

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

13. **REGULATORY INFORMATION CONTINUED**

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: 08/08/05

REVIEWED: 08/08/05

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