

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LUSIN LUB PZO 152
MANUFACTURER'S NAME: CHEM-TREND LIMITED PARTNERSHIP
ADDRESS: 1445 W. MCPHERSON PARK DR.
HOWELL, MI 48844-0860
CHEMICAL FAMILY: Lubricant Blend

2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>INGREDIENT (S)</u> | <u>CONC.</u> | <u>CAS NUMBER</u> |
|-----------------------|--------------|-------------------|
| 1. ZINC OXIDE* | < 5% | 1314-13-2 |
| 2. RELEASE BLEND | BALANCE | *** |

* This chemical is subject to the reporting requirements of section 313 of SARA Title III.

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

EXPOSURE LIMITS

| <u>INGREDIENT</u> | <u>OSHA TWA</u> | <u>ACGIH TLV</u> | <u>STEL</u> | <u>UNITS</u> | <u>NOTES</u> |
|-------------------|-----------------|------------------|-------------|--------------|--------------|
| 1. | 5.000 | 2.000 | 10 | MG/M3 | FUME |

3. HAZARDS IDENTIFICATION

LISTED CARCINOGENS (NTP, IARC OR OSHA): NONE

ROUTES OF EXPOSURE AND ACUTE EFFECTS:

Skin Contact: Product may cause irritation, but is not corrosive.
Eye Contact: Product may cause irritation, but is not corrosive.
Inhalation: Vapor may cause respiratory irritation
Ingestion: No adverse effects expected. Do not ingest.

CHRONIC EFFECTS: A review of literature does not show obvious long-term hazard.

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 irritation occurs, move to fresh air.
Ingestion: If product is swallowed, contact a physician.

MSDS Number 36049
Printed 09/02/05

Chem-Trend Limited Partnership

Page 1 of 4

Chemlease, Mono-Coat, Mono-Lube, Perma-Mold, Power-Lube, Pura, RDP, RPM and Safety-Lube are registered trademarks of Chem-Trend Limited Partnership

5. **FIRE FIGHTING MEASURES**

FLASH POINT (deg.F): Not applicable

FLAMMABLE LIMITS IN AIR, % BY VOLUME: Not Applicable

EXTINGUISHING MEDIA: Product may burn under severe ignition conditions. 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 or weld on empty drums unless they are thoroughly cleaned.

6. **ACCIDENTAL RELEASE MEASURES**

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

Sweep or scrape up and place in container.

7. **HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep drums and containers of product closed when not in use.

Do not add any other additive ingredients to the product.

OTHER PRECAUTIONS: None known

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Good industrial hygiene practices recommended 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: Not applicable

EYE PROTECTION: Not applicable

OTHER PROTECTIVE EQUIPMENT: Appropriate clothing to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (deg.F) (Initial): Not applicable
MELTING POINT (deg.F): 300
SPECIFIC GRAVITY: 1.35
VAPOR PRESSURE (mm Hg): No data available
VAPOR DENSITY (air=1): Not applicable
EVAPORATION RATE: No data available
SOLUBILITY IN WATER: Insoluble
pH: Not applicable
APPEARANCE AND ODOR: White/beige paste;
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.

This product does not fall under current EPA RCRA definitions of hazardous waste.

12. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: NOT REGULATED
HAZARD CLASS:
HAZARD ID NUMBER:

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 - NO, 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: 09/02/05

REVIEWED: 09/02/05

DISCLAIMER

Information presented herein has been compiled from information provided to us by our suppliers and other sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or the use of any product in violation of any patent or in violation of any law or regulation. It is the users' responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.