MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: **PNEUMA LUBE**
Product: Tool Cleaner and Lubricant
Product Type: AEROSOL
Formula: Proprietary
Sold By: Continental Research Corp.
Supplier's Address: P.O. Box 15204 St. Louis, Mo. 63110
DOT Ship Description: Consumer Commodity, ORM-D

Date Prepared: 6/8/2009

Information Phone: (800) 325-4869
Emergency Phone: (800) 255-3924 Chem-Tel

HMIS Rating (Based on Aerosol Conc.):
0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

HEALTH:	1
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
Personal Protection:	B

SECTION II · INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TLV-TWA
Naphtha (Petroleum), Light Aliphatic	64742-89-8	30 - 40	NO	NO	NO	100 ppm	100 ppm
Isoparaffinic Hydrocarbon	64742-66-8	10 - 20	NO	NO	NO	N/E	281 ppm*
Mineral Oil	8042-47-5	10 - 20	NO	NO	NO	5 mg/m3	5 mg/m3
Naphtha (Petroleum), Hydrotreated Light	64742-49-0	1 - 10	NO	NO	NO	500 ppm	346 ppm*
Ethanol	64-17-5	1 - 10	NO	NO	NO	1000 ppm	1000 ppm
Liquefied Petroleum Gas	68476-86-8	15 - 25	NO	NO	NO	1000 ppm	1000 ppm

*Manufacturer's Recommended Exposure Limit (TWA)

SECTION III · PHYSICAL DATA

Aerosol Concentrate:

Boiling Point: 185°F
pH: N/A
Appearance/Odor: Red liquid with solvent odor

Specific Gravity (H2O=1)@70°F: 0.779
Solubility In Water: Insoluble
Vapor Density(Air=1): >1

Total Contents:

Total VOC %: 81.62%

Vapor Pressure (can; psig @72°F): 50 psig

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (Conc.): 40° F (TCC)
Flammability (as per CSMA Flame Projection Test): Extremely-Flammable Spray
Extinguishing Media: Foam, CO2, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable.
Hazardous Polymerization: Will not Occur.
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.
NFPA Code 30B Rating: Level 3 Aerosol.
For Industrial and Institutional use only.
Store in a cool, dry area away from heat or open flame.
Do not store at temperatures above 120° F.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:
Eyes: May cause irritation accompanied by stinging, tearing, redness, and swelling.
Skin: Frequent or prolonged contact may cause irritation and possibly dermatitis. May aggravate existing skin conditions.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the respiratory tract, dizziness, nausea, low blood pressure, pulmonary edema, kidney damage, and other central nervous system effects, including unconsciousness and death.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion of large amounts may cause mild, reversible liver effects. Aspiration of material into the lungs can cause pulmonary injury.
FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep air concentrations of ingredients listed in Section II below established limits.
Protective Gloves: Use chemical resistant gloves if hand contact will be made.
Eye Protection: Always wear safety glasses or chemical proof goggles when working with chemicals..

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.
WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.