PRESSURE-LUBE, INC.

Material Safety Data Sheet

Approval Date 6/19/2009
Supersedes Date 4/23/2009

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	**JAX FOOD GRADE PENETRATING OIL (BULK, TRIGGER SPRAY)**
Product ID No.	**00109**
Supplier	**PRESSURE-LUBE, INC.** **W134 N5373 CAMPBELL DRIVE** **MENOMONEE FALLS, WI 53051 USA**
Emergency Telephone	For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC: NORTH AMERICA 800-424-9300 INTERNATIONAL +01-703-527-3887 Collect
Synonym(s)	None
Chemical Name	Lubricant
Non-Emergency Contact	JAX: 262-781-7660 JAX/FAX: 262-781-3906
Chemical Family	Mixture
Chemical Formula	Mixture
Material Uses	Lubricant

Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.			
Odorless mineral spirits	500 ppm, OSHA	64742-48-9	30-50

LC_{50}, LD_{50} of Ingredients Not available

Section III. Hazards Identification

Emergency Overview

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation of nose, throat and airways, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects. Chronic exposure may lead to central nervous system complications, blood changes (aplastic anemia, a rare occurrence that is potentially fatal), and dermatitis. Animal studies have indicated the potential for liver and kidney damage. Pre-existing liver, kidney, heart, eye, skin or respiratory disorders may be aggravated by exposure.

Potential Health Effects:

Eye Contact

May cause slight irritation and redness. Symptoms include stinging, tearing and redness.

Skin Contact

Skin contact may cause mild to moderate irritation. Prolonged exposure may cause moderate irritation, defatting and dermatitis.

Ingestion

May be harmful if swallowed, causing headache, nausea, weakness, drowsiness, vomiting, dizziness, gastrointestinal irritation, central nervous system depression, convulsions and unconsciousness. May cause burning sensation in the mouth, esophagus and stomach. May cause kidney damage. Lung damage may occur if aspirated in the lungs and may be fatal.

Inhalation

Inhalation of the vapors of this product may cause irritation to the throat, mucous membranes and respiratory tract, headache, dizziness, nausea, difficulty breathing, drowsiness, wheezing, laryngitis, vomiting, muscle weakness, impairment of motor action, low blood pressure and chest pains. Prolonged inhalation may cause central nervous system depression, acute bronchitis, pneumonia, kidney damage, loss of appetite and nose bleeds.

Continued on Next Page

Section III. Hazards Identification (cont'd)

HMIS Code Health: **1** Fire: **2** Physical Hazard: **0**

HAZARD RATINGS

0 Minimal Hazard
1 Slight Hazard
2 Moderate Hazard
3 Serious Hazard
4 Severe Hazard

Section IV. First Aid Measures

Eye Contact Remove contact lenses, if wearing, and flush eyes gently with water while holding eyelids apart. If irritation persists or there is any visual difficulty, seek medical attention.

Skin Contact Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

Ingestion Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if coughing or respiratory discomfort occurs. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Section V. Fire and Explosion Data

Autoignition Temperature Not available

Flash Point 138°F (59°C), ASTM D 56

Sensitivity to Impact Not available

Sensitivity to Static Discharge Not available

Flammable Limits (Approx.) ***LOWER*** Flammable Limit: Not available ***UPPER*** Flammable Limit: Not available

Explosion Hazards See Lower and Upper Flammable Limits

Products of Combustion Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Fire Fighting Media and Instructions Foam, dry chemical and carbon dioxide may all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full facepiece operation in the positive-pressure demand mode with appropriate turn-out gear and chemical-resistant personal protective equipment.

Special Remarks - Fire and Explosion Hazards Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even if empty) because product (even just residue) can ignite explosively. During a fire, irritating or toxic decomposition products may be generated.

Section VI. Accidental Release Measures

Release or Spill Recover free product using non-sparking tools and equipment. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourse, or extensive land areas.

Environmental Impact Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

Section VII. Handling and Storage

Handling Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in this MSDS must be observed. All five-gallon pails and larger metal containers, including tank card and tank trucks, should be grounded and/or bonded when material is transferred. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids. WARNING: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Do not smoke while handling this product.

Continued on Next Page

Section VII. Handling and Storage (cont'd)

Storage	Keep containers closed when not in use. Store in closed containers in a dry, well-ventilated area. Do not store near heat, open flame, or sources of ignition. Avoid prolonged storage at elevated temperatures.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection	If workplace exposure limit(s) are exceeded (see Section II), a NIOSH/MSHA-approved air-supplied respirator is advised in the absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.
Ventilation	Use in a well-ventilated area. See Engineering Controls.
Protective Gloves	Any lined non-permeable rubber gloves.
Eye Protection	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
Personal Hygiene	Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Do not smoke while using this product.
Engineering Controls	Good general ventilation should be sufficient to control vapors under ambient conditions. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.
Exposure Limit	See Section II.

Section IX. Physical and Chemical Properties

Appearance/Odor	Water white liquid / slight solvent odor, leaving lubricant residue	**Vapor Pressure**	Not available
		Vapor Density	Not available
Odor Threshold	Not available	**Percent Volatile**	40
Specific Gravity	0.8189 (typical)	**Evaporation Rate**	Faster than butyl acetate
Density	Not available	**Viscosity**	Not available
Molecular Weight	Not available	**Solubility in Water**	Negligible
pH	Not available	**Coefficient of Water/Oil Distribution**	Not available
Boiling Point	Not available		
Freezing/Melting Point	Not available	**Physical State**	Liquid

Section X. Stability and Reactivity Data

Stability	Stable under normal temperatures and pressures.	**Conditions of Reactivity**	Not available
Conditions of Instability	Not available		
Conditions and Materials to Avoid	Avoid heat, sparks, open flames and strong oxidizing agents. Avoid prolonged storage at elevated temperatures.		
Hazardous Polymerization	Hazardous polymerization will not occur.		
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.		

Section XI. Toxicological Information

Routes of Entry	Dermal contact, eye contact, inhalation, ingestion.	**Ingestion**	Not available
Toxicity to Animals	Not available	**Inhalation**	Not available
Effects of Acute Exposure	Not available	**Toxically Synergistic Products**	Not available
Acute Effects of Sensitization	Not available		

Chronic Effects on Humans:

Carcinogenic Effects	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].
Mutagenic Effects	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.

Continued on Next Page

Section XI. Toxicological Information (cont'd)

Teratogenic Effects No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.

Reproductive Effects No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

Section XII. Ecological Information

Ecotoxicity There is no data available on the adverse effects of this material on the environment.

Section XIII. Disposal Considerations

Waste Disposal Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply wtih federal, state and local regulations.

Section XIV. Transportation Information

U.S. D.O.T.

Shipping Name: Flammable liquid, n.o.s. (Petroleum distillates) **UN/NA Number:** UN1993

Hazard Class: 3 **Packing Group:** III

Remarks This product may be reclassed as Combustible Liquid, n.o.s., NA1993, under U.S. DOT 49 CFR 173.150 when shipped via GROUND in non-bulk containers only. Refer to Code of Federal Regulations, Title 49 for further information.

Section XV. Regulatory Information

U.S. Federal Regulations:

CERCLA Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 :

None

SARA (Section 313) This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:

None

SARA Extremely Hazardous List This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:

None

TSCA Inventory All components of this material are on the U.S. TSCA Inventory.

California Prop. 65 This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:

None

International Regulations:

Canada All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.

Japan MITI Not available

Australia Not available

Switzerland Not available

Section XVI. Other Information

Approval Date **6/19/2009**

Supersedes Date **4/23/2009**

Prepared by Technical Services 262-781-7660

Sections Revised Since Last Version Section XIV