



MATERIAL SAFETY DATA SHEET

CONFORMS TO REGULATION (EC) NO. 1907/2006

Page No. 1
Revision Date 6/23/2009
Supersedes Date 9/2/2008

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the Substance/Preparation: JAX T-OIL FOOD PLANT MACHINERY COAT (AEROSOL)

Part Number: JAX139

Use of the Substance/Preparation: For use after power-washing food-production equipment

Company/Undertaking Identification: PRESSURE-LUBE, INC.
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA

Non-Emergency Contact: Phone: 1-800-782-7660 (North America) +01-262-781-8850 (International)
Fax: 1-262-781-3906 (North America) +01-262-781-3906 (International)

Emergency Contact (24-hour): CHEMTREC: 1-800-424-9300 (North America) +01-703-527-3887 Collect (International)

SECTION 2. HAZARDS IDENTIFICATION

Classification: This preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Physicochemical Hazards: Flammable

Human Health Hazards: See Section 11.

Environmental Hazards: This preparation is not expected to be dangerous to the environment.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components listed below either meet the reporting requirements as specified in U.S. 29 CFR 1910.1200 or EU Directive 1999/45/EC as amended, or are reported for informational purposes only.

Ingredient	%	PEL/TLV, Source	CAS #	EINECS #	EU Hazard Symbol	R-Phrases*
White mineral oil	70-90	5 mg/m ³ (oil mist), OSHA	8042-47-5	232-455-8	None	None
Propane	10-20	1000 ppm, OSHA	74-98-6	200-827-9	F+	R12
n-Butane	5-10	800 ppm, OSHA	106-97-8	203-448-7	F+	R12

*See Section 16 for full text of R-Phrases.

SECTION 4. FIRST AID MEASURES

General Information: Refer to specific forms of contact described below.

Eye Contact: Immediately flush with water for at least 15 minutes. Flush under the eyelids thoroughly. Get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash contact area with soap and water. Wash clothing and shoes before reuse.

Ingestion: Unlikely due to being an aerosol. However, if product is swallowed, drink 1 or 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician or Poison Control Center immediately.

Inhalation: Remove from exposure. Administer oxygen if necessary. If not breathing, perform CPR. Call a physician immediately.

Self-Protection of the First Aider: First Aider: Pay attention to self-protection.

EU Info to Physician Refer to this section.

SECTION 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Extinguishing media include dry chemical, alcohol foam, and carbon dioxide-type extinguishing agents. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

Unsuitable extinguishing media: Do not use direct stream of water.

Special Hazards: Keep exposed containers cool with water spray to prevent rupture. Do not puncture or incinerate cans. Never use welding or cutting torch on or near this product because even just residue can ignite explosively. Firefighters should wear full protective gear, including SCBA's in a positive-pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground away from handling site. Eliminate all sources of ignition. Do not use direct stream of water because product will float and can reignite on surface of water.

Products of Combustion: Carbon monoxide and carbon dioxide.

Special Protective Equipment for Firefighters: Firefighters should wear full protective clothing, including helmet, and NIOSH-approved self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Extinguish all sources of ignition. Provide sufficient ventilation and/or respiratory protection. Wear appropriate protective clothing, gloves, face mask, goggles/glasses to prevent contact with the eyes and skin. See Section 8.
- Environmental Precautions:** Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
- Methods for Clean-Up:** Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Dispose of in accordance with national and/or local regulations relating to waste disposal.

SECTION 7. HANDLING AND STORAGE

- Handling:** Keep away from heat, sparks, open flame or where temperature may exceed 49°C (120°F). "Empty" containers retain product residue and can be dangerous. Do not cut, weld, braze, solder, drill, or grind such containers as they may explode and can cause injury or death. Do not throw empty container into fire or trash compactor. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Use only with adequate ventilation. Do not breathe vapor or mist. Do not take internally. Do not transfer to nor store in an unmarked container. Read label and MSDS before using. Do not smoke when handling or using this product. For industrial use only.
- Storage:** Store in tightly sealed containers. Do not store in direct sunlight. Keep away from heat, sparks and open flame. Store containers below 120°F (49°C). Do not throw empty container into fire or trash compactor.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational Exposure Limit:** See Section 2.
- Respiratory Protection:** Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.
- Ventilation:** Use in a well-ventilated area. See Engineering Controls.
- Hand Protection (Gloves):** Use protective gloves if contact with product is likely.
- Eye Protection:** Chemical splash goggles or face shield are advised when eye contact may occur.
- Personal Hygiene:** Wash exposed areas with soap and water when finished using this product. Do not eat or drink when using this product. Do not swallow. Wash hands before eating or using washroom.
- Engineering Controls:** Implement engineering controls so that workplace exposure limit(s) of product or any component is not exceeded. Use impervious protective clothing (gloves, boots, apron or full body suit) depending on operation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

pH:	N/A	Partition Coefficient (n-octanol/water):	N/A
Boiling Point/Range:	N/A	Viscosity:	N/A
Flash Point:	N/A	Vapor Density:	Heavier than air
Upper Flammability Limit:	N/A	Evaporation Rate:	Faster than ether
Lower Flammability Limit:	N/A	Percent Volatile:	20
Oxidizing Properties:	Not an oxidizer	Appearance/Odor:	Water white colored lube oil with little or no odor
Vapor Pressure:	N/A	Physical State:	Liquid and compressed gas in an aerosol can
Density:	North America: 6.329 lbs/gallon (typical) European Union: 0,758 g/cm ³ (typical)		
Solubility in Water:	Negligible		

SECTION 10. STABILITY AND REACTIVITY

- Conditions and Materials to Avoid:** Avoid heat, sparks and open flames.
- Hazardous Polymerization:** Hazardous polymerization will not occur.

- Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

- Routes of Entry:** Skin contact, eye contact, ingestion and inhalation.
- Skin Toxicological Effects:** May cause slight temporary irritation in some individuals.
- Eye Toxicological Effects:** May cause temporary irritation or redness.
- Ingestion Toxicological:** Ingestion is unlikely due to being an aerosol. However, should ingestion occur, irritation and nausea may result.

Effects:

Inhalation Toxicological Effects: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Acute Toxicity /
LD₅₀ and LC₅₀ of
Ingredients:**

Ingredient**LD₅₀****LC₅₀**

White mineral oil
Propane
n-Butane

Oral/Rat > 5000 mg/kg
N/A
N/A

Oral/Rat > 5000 mg/kg
Inhalation/Rat = 361 g/m³
Inhalation/Rat = 658 g/m³/4h

**Chronic Toxicity /
Carcinogenicity:**

Ingredient**CAS #**

**NTP
Known
Carcinogen**

**NTP
Anticipated
Carcinogen**

**IARC
Group**

White mineral oil
Propane
n-Butane

8042-47-5
74-98-6
106-97-8

No
No
No

No
No
No

No
No
No

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A

Mobility: N/A

Bioaccumulative Potential: N/A

**Persistence and
Degradability:** N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Consult national or regional authorities for proper disposal and reporting procedures. All disposals must comply with national and regional regulations.

SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

U.S. D.O.T.

Proper Shipping Name: Aerosols, flammable, n.o.s.

UN Number: UN1950

Hazard Class: 2.1

Packing Group: None

Remarks: None

Land Transport ADR/RID

Proper Shipping Name: Aerosols, flammable, n.o.s.

UN Number: UN1950

Hazard Class: 2.1

Packing Group: None

Maritime Transport IMDG

Proper Shipping Name: Aerosols, flammable, n.o.s.

IM Number: UN1950

IMDG Code: 2.1

Packing Group: None

Air Transport IATA

Proper Shipping Name: Aerosols, flammable, n.o.s.

UN Number: UN1950

Hazard Class: 2.1

Packing Group: None

Remarks: None

SECTION 15. 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.

State Regulations**California Proposition 65:**

This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:
None

Canada Regulations

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

European Community Label Requirements**Danger Symbol(s):**

F+

**S-Phrase(s):**

S9: Keep container in a well-ventilated place
S16: Keep away from sources of ignition - No smoking

R-Phrase(s):

R12: Extremely flammable

National Regulations (Germany)**Water Hazard Class:**

N/A

SECTION 16. OTHER INFORMATION**Component R-Phrase(s)**

R12: Extremely flammable

HMIS® Ratings:

Health: **1** Fire: **3** Physical Hazard: **0**
HMIS® Ratings: 0 = Minimal Hazard; 1 = Slight Hazard; 2 = Moderate Hazard; 3 = Serious Hazard; 4 = Severe Hazard

Abbreviations that May Be Used in this Document:

N/A = Not available
N/E = Not established

Sections Revised:

Section 16

Revision Date:

6/23/2009

The information and recommendations contained herein are, to the best of Pressure-Lube Inc.'s knowledge and belief, accurate and reliable as of the date issued. Pressure-Lube Inc. makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and Pressure-Lube Inc. shall not be liable for any loss or damage based up on the criteria supplied by the developers of these rating systems, together with Pressure-Lube Inc.'s interpretation of the available data.

*** END OF MSDS ***



INDUSTRIAL LUBRICANTS (UK) LIMITED
Tel. 08701 632933 Fax. 08701 632933
sales@indlub.co.uk www.indlub.co.uk