

# Pressure-Lube, Inc.

## Material Safety Data Sheet

Approval Date 1/30/2007

Supersedes Date 1/26/2006

| Section I. Chemical Product and Company Identification |   |   |  |
|--|---|---|--|
| Product Name/<br>Trade Name                            | JAX MAGNA-PLATE 78 (AEROSOL)  | Product<br>ID No.   | JAX114; JAX114NT   |
| Supplier   | PRESSURE-LUBE, INC.<br>W134 N5373 CAMPBELL DRIVE<br>MENOMONEE FALLS, WI 53051 USA | Emergency Telephone   | For Chemical Emergency, Spill, Leak, Fire,<br>Exposure or Accident, Call CHEMTREC:<br>NORTH AMERICA 800-424-9300<br>INTERNATIONAL +01-703-527-3887 Collect |
| Synonym(s)   | None  | Non-Emergency Contact<br>JAX: 262-781-7660<br>JAX/FAX: 262-781-3906 |  |
| Chemical Name  | Not available   |   |  |
| Chemical Family  | Mixture   |   |  |
| Chemical Formula                                       | Not applicable  |   |  |
| Material Uses  | Lubricant   |   |  |

| Section II. Composition and Information on Ingredients           |                 |          |             |
|--|-----------------|----------|-------------|
| Name   | PEL/TLV, Source | CAS #    | % by Weight |
| PROPRIETARY FORMULA.   |                 |          |             |
| Heptane  | 400 ppm, OSHA   | 142-82-5 | 10-20       |
| Pentane  | 600 ppm, OSHA   | 109-66-0 | 10-20       |
| Propane  | 1000 ppm, OSHA  | 74-98-6  | 5-15        |
| Butane   | 800 ppm, OSHA   | 106-97-8 | 5-15        |
| LC <sub>50</sub> , LD <sub>50</sub> of Ingredients Not available |                 |          |             |

| Section III. Hazards Identification |  |
|-------------------------------------|--|
| Emergency Overview                  | Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.   |
| Potential Health Effects:           |  |
| Eye Contact                         | Considered an eye irritant. Vapors may cause severe eye irritation. Symptoms can include redness, swelling, pain, tearing, and hazy vision.  |
| Skin Contact                        | Skin Contact: Skin irritant. Mild to severe skin irritation may occur upon prolonged or repeated contact. Prolonged or repeated contact may cause moderate to severe dermatitis. Chronic symptoms may include drying, swelling, scaling, blistering, cracking, and severe tissue damage.<br>Skin Absorption: A single prolonged skin exposure is not likely to result in harmful amounts absorbed, but this product may be readily absorbed through the skin producing central nervous system depression effects.  |
| Ingestion                           | ASPIRATION HAZARD. Ingestion is not likely as an aerosol but, if swallowed, it can be harmful or fatal. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, even death. May cause weakness and gastrointestinal tract irritation. Product can be readily absorbed through the stomach and intestinal tract. Symptoms include a burning sensation in the mouth or esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness, and delirium. Additional central nervous system effects may occur prior to the onset of convulsions, coma, and death. |
| Inhalation                          | This product may irritate the mucous membranes of the mouth, throat, and esophagus, and may cause nausea, loss of appetite, lassitude, light-headedness, giddiness, dizziness, and incoordination. Respiratory arrest, convulsions, semi-consciousness or unconsciousness may result from extreme exposure. Can cause central nervous system depression. Asthma and other respiratory ailments may be aggravated by exposure to product. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.   |

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**Section III. Hazards Identification (cont'd)**

|           |                  |                |                      |
|-----------|------------------|----------------|----------------------|
| HMIS Code | Health: <b>1</b> | Fire: <b>3</b> | Reactivity: <b>0</b> |
| NFPA Code | Health: <b>1</b> | Fire: <b>3</b> | Reactivity: <b>0</b> |

**Section IV. First Aid Measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Immediately flush eyes with large amounts of water. If irritation or other symptoms persist, call a physician.   |
| <b>Skin Contact</b> | Immediately flush skin with large amounts of water. Wash thoroughly with soap and water. Remove contaminated clothing. If irritation is severe, call a physician immediately. Wash clothing before reuse. Destroy or properly dispose of contaminated shoes. |
| <b>Ingestion</b>    | Ingestion is not considered a potential route of exposure as an aerosol but, if swallowed, DO NOT induce vomiting. Give one to two glasses of water. Never give anything by mouth to an unconscious person. Call a physician immediately.                    |
| <b>Inhalation</b>   | If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Call a physician immediately if symptoms persist.                              |

**Section V. Fire and Explosion Data**

|   |   |
|---|---|
| <b>Autoignition Temperature</b>                     | Not available   |
| <b>Flash Point</b>                                  | -53°F (-47°C)   |
| <b>Flammable Limits (Approx.)</b>                   | <b>LOWER</b> Flammable Limit: 1.2% <b>UPPER</b> Flammable Limit: 12.0%  |
| <b>Explosion Hazards</b>                            | See Lower and Upper Flammable Limits  |
| <b>Products of Combustion</b>                       | Fumes, smoke, carbon monoxide, carbon dioxide, sulfur oxides, aldehydes, and other oxides of incomplete combustion.   |
| <b>Fire Fighting Media and Instructions</b>         | Alcohol 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. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's Fire Protection Guide on Hazardous Materials. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from explosives. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed. |
| <b>Special Remarks - Fire and Explosion Hazards</b> | Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F (49°C). Do not puncture or incinerate. Firefighters should wear 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 as vapor may ignite. Carbon oxides may be formed. Never use welding or cutting torch on or near this product because even just residue can ignite explosively. Do not use direct stream of water because product will float and can reignite on surface of water.   |

**Section VI. Accidental Release Measures**

|                             |   |
|-----------------------------|---|
| <b>Release or Spill</b>     | Recover free product. 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, watercourses, or extensive land areas. |
| <b>Environmental Impact</b> | 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**

|                 |   |
|-----------------|---|
| <b>Handling</b> | Keep away from heat, sparks and open flame. Do not throw empty container into fire or trash compactor. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not breath vapor or mist. Do not transfer to nor store in an unmarked container. Read label before using. Do not smoke when handling or using this product. Do not cut on empty containers as they may contain vapors that are flammable. Use with adequate ventilation. Do not take internally. Keep out of reach of children. |
| <b>Storage</b>  | 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.  |

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**Section VIII. Exposure Controls and Personal Protection**

|                               |   |
|-------------------------------|---|
| <b>Respiratory Protection</b> | Select one of the following NIOSH-approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: full-face organic and acid gas respirator, full-face supplied-air respirator, full-face pressure-demand self-contained breathing apparatus.                 |
| <b>Ventilation</b>            | Use with local exhaust ventilation capable of maintaining emissions at the point of use below the PEL/TLV.  |
| <b>Protective Gloves</b>      | Any non-permeable rubber gloves, such as buna or nitrile.   |
| <b>Eye Protection</b>         | Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.  |
| <b>Personal Hygiene</b>       | Wash exposed areas thoroughly with soap and water. Do not eat, drink, or wear facial cream when using this product. Do not swallow. Wash hands before eating or using washroom.   |
| <b>Engineering Controls</b>   | 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. In the absence of adequate exhaust ventilation, use appropriate respiratory protection. |
| <b>Exposure Limit</b>         | See PEL/TLV of ingredients in Section II  |

**Section IX. Physical and Chemical Properties**

|                               |                                     |  |  |
|-------------------------------|-------------------------------------|--|--|
| <b>Appearance/Odor</b>        | Colorless liquid with a slight odor | <b>Vapor Pressure</b>                        | 40 psig @ 70°F                           |
|                               |                                     | <b>Vapor Density</b>                         | Heavier than air                         |
| <b>Odor Threshold</b>         | Not available                       | <b>Percent Volatile</b>                      | 50%                                      |
| <b>Specific Gravity</b>       | 0.77 - 0.79 concentrate             | <b>Evaporation Rate</b>                      | Faster than butyl acetate                |
| <b>Density</b>                | Not available                       | <b>Solubility in Water</b>                   | Negligible                               |
| <b>pH</b>                     | Not available                       | <b>Coefficient of Water/Oil Distribution</b> | Not available                            |
| <b>Boiling Point</b>          | Complex mixture                     | <b>Physical State</b>                        | Liquid and compressed gas in aerosol can |
| <b>Freezing/Melting Point</b> | Not available                       |  |  |

**Section X. Stability and Reactivity Data**

|  |   |
|--|---|
| <b>Stability</b>                         | Stable under normal temperatures and pressures.   |
| <b>Conditions of Reactivity</b>          | Not available   |
| <b>Conditions and Materials to Avoid</b> | Avoid strong oxidizers, selected amines, strong acids or bases, and alkalis such as liquid chlorine, hydrogen peroxide, and oxygen. |
| <b>Hazardous Polymerization</b>          | Hazardous polymerization will not occur.  |
| <b>Hazardous Decomposition Products</b>  | Fumes, smoke, carbon monoxide, carbon dioxide, sulfur oxides, aldehydes, and other oxides of incomplete combustion.                 |

**Section XI. Toxicological Information**

|                                       |   |                                       |               |
|---------------------------------------|---|---------------------------------------|---------------|
| <b>Routes of Entry</b>                | Dermal contact, eye contact, inhalation, ingestion.   | <b>Ingestion</b>                      | Not available |
| <b>Toxicity to Animals</b>            | Not available   | <b>Inhalation</b>                     | Not available |
| <b>Effects of Acute Exposure</b>      | Not available   | <b>Toxically Synergistic Products</b> | Not available |
| <b>Acute Effects of Sensitization</b> | Not available   |                                       |               |
| <b>Chronic Effects on Humans:</b>     |   |                                       |               |
| <b>Carcinogenic Effects</b>           | This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4]. |                                       |               |
| <b>Mutagenic Effects</b>              | No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.                   |                                       |               |

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**Section XI. Toxicological Information (cont'd)**

|                             |  |
|-----------------------------|--|
| <b>Teratogenic Effects</b>  | No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.  |
| <b>Reproductive Effects</b> | No data available to indicate any components present at greater than 0.1% may present a reproductive hazard. |

**Section XII. Ecological Information**

|                    |  |
|--------------------|--|
| <b>Ecotoxicity</b> | There is no data available on the adverse effects of this material on the environment. |
|--------------------|--|

**Section XIII. Disposal Considerations**

|                       |  |
|-----------------------|--|
| <b>Waste Disposal</b> | Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations. |
|-----------------------|--|

**Section XIV. Transportation Information**

|                                     |                             |   |   |
|-------------------------------------|-----------------------------|---|---|
| <b>I.A.T.A. Air Transportation:</b> |                             | <b>U.S. D.O.T. Ground Transportation:</b> |   |
| <b>Shipping Name</b>                | Aerosols, flammable, n.o.s. | <b>Shipping Name</b>                      | Consumer Commodity ORM-D  |
| <b>Hazard Class</b>                 | 2.1                         |   |   |
| <b>UN Number</b>                    | UN1950                      |   |   |
| <b>Packing Group</b>                | None                        | <b>U.S. D.O.T. Remarks</b>                | The above U.S. D.O.T. information applies to shipping BY GROUND ONLY. |
| <b>I.A.T.A. Remarks</b>             | None                        |   |   |

**Section XV. Regulatory Information**

|                                      |  |
|--------------------------------------|--|
| <b>U.S. Federal Regulations:</b>     |  |
| <b>CERCLA</b>                        | Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 :<br><br>None |
| <b>SARA (Section 313)</b>            | This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:<br><br>None                           |
| <b>SARA Extremely Hazardous List</b> | This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:<br><br>None                      |
| <b>TSCA Inventory</b>                | All components of this material are on the U.S. TSCA Inventory.  |
| <b>California Prop. 65</b>           | This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:<br><br>None        |

**International Regulations:**

|                    |   |
|--------------------|---|
| <b>Canada</b>      | 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. |
| <b>Japan MITI</b>  | Not available   |
| <b>Australia</b>   | Not available   |
| <b>Switzerland</b> | Not available   |

**Section XVI. Other Information**

|  |                                 |
|--|---------------------------------|
| <b>Approval Date</b>                       | 1/30/2007                       |
| <b>Supersedes Date</b>                     | 1/26/2006                       |
| <b>Prepared by</b>                         | Technical Services 262-781-7660 |
| <b>Sections Revised Since Last Version</b> | Section I                       |

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 upon the criteria supplied by the developers of these rating systems, together with Pressure-Lube, Inc.'s interpretation of the available data.