



JAX INC.

Approval Date 3/13/2009

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Material Safety Data Sheet

Section I. Chemical Product and Company Identification

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| Product Name/ Trade Name | JAX PURE-BASE ISO 5 & 10 | Product ID No. | PBASC; PBASE |
| Supplier | JAX INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA | Emergency Contact 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 | Petroleum mineral oil | | |
| Chemical Family | Hydrocarbon | Non-Emergency Contact | JAX: 262-781-8850 JAX/FAX: 262-781-3906 |
| Chemical Formula | Mixture | | |
| Material Uses | Lubricant | | |

Section II. Composition and Information on Ingredients

| Name | PEL/TLV, Source | CAS # | % by Weight |
|--|--------------------------------------|-------------|-------------|
| PROPRIETARY FORMULA. | 5 mg/m ³ (oil mist), OSHA | Proprietary | 100.0 |
| LC ₅₀ , LD ₅₀ of Ingredients | Not available | | |

Section III. Hazards Identification

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| 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 | Non-irritating to slight transient irritation to eyes, but no permanent damage. |
| Skin Contact | Non-irritating to slight transient irritation to skin, but no permanent damage. |
| Ingestion | Relatively non-toxic by ingestion. |
| Inhalation | Not expected to present an inhalation exposure risk at ambient temperatures. If vapors or mists are created upon heating or by mechanical means, those vapors or mists may cause irritation of the breathing passages. |

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Section III. Hazards Identification (cont'd)

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|-----------|------------------|----------------|---------------------------|--|-------------------------------------|
| HMIS Code | Health: 1 | Fire: 1 | 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

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| Eye Contact | Remove contact lenses, if wearing, and flush eyes with water. If irritation persists, consult a physician. |
| 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 | If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink. Never give anything by mouth to an unconscious person. Consult a physician. |
| Inhalation | Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately. |

Section V. Fire and Explosion Data

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| Autoignition Temperature | Not available | Sensitivity to Impact | Not available |
| Flash Point | 300°F (149°C) min., ASTM D 92 | 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. | | |
| Firefighting Media and Instructions | <p>Extinguishing media: Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, foam, steam) or water fog. Do not use streams of water as this will scatter the liquid and spread the fire. A water spray may be used to keep fire-exposed containers and surroundings cool.</p> <p>Instructions: Firefighters should wear full bunker gear, including a positive-pressure self-contained breathing apparatus.</p> | | |
| Special Remarks - Fire and Explosion Hazards | May create dense smoke during combustion. Mild fire hazard when heated above its flash point. Water spray may be used to keep fire-exposed containers and surroundings cool. | | |

Section VI. Accidental Release Measures

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| 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

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| Handling | Keep away from heat, sparks and other sources of ignition. DO NOT reuse empty containers without commercial cleaning or reconditioning. Practice good personal hygiene. Avoid contact with eyes, skin and clothing. Launder work clothes frequently. Discard saturated leather goods. Wash hands after handling and before eating. Do not smoke when using this product. |
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Section VII. Handling and Storage (cont'd)

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| Storage | 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. Store in tightly closed containers in cool, dry, isolated, well-ventilated area, and away from incompatibles (see Section X). |
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Section VIII. Exposure Controls and Personal Protection

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| Respiratory Protection | Where concentrations in air may exceed the occupational exposure limits given in Section II (and those applicable to your area) and where engineering controls, work practices or other means of exposure reduction are not adequate, NIOSH-approved respirators may be necessary to prevent overexposure by inhalation. |
| Ventilation | Use in a well-ventilated area. See Engineering Controls. |
| Protective Gloves | Wear appropriate chemically protective gloves. At a minimum, long sleeves and trousers should be worn. |
| 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. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water. |
| Engineering Controls | If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended oil mist exposure limits. |
| Exposure Limit | See Section II. |

Section IX. Physical and Chemical Properties

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| Appearance/Odor | Clear, colorless viscous liquid with no odor | Vapor Pressure | <0.005 |
| Odor Threshold | Not available | Vapor Density | Not available |
| Specific Gravity | <1 @ 15°C | Percent Volatile | 0 @ 25°C |
| Density | Not available | Evaporation Rate | 0 @ 25°C |
| Molecular Weight | Not available | Viscosity | Not available |
| pH | Not available | Solubility in Water | Negligible |
| Boiling Point | Not available | Coefficient of Water/Oil Distribution | Not available |
| Freezing/Melting Point | Not available | Physical State | Liquid |

Section X. Stability and Reactivity Data

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| Stability | Stable under normal temperatures and pressures. | Conditions of Reactivity | Not available |
| Conditions of Instability | Not available | | |
| Conditions and Materials to Avoid | Conditions to avoid: Avoid heat, sparks, and open flames Materials to avoid: Avoid chlorine, fluorine, and other strong oxidizing materials. | | |
| 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

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| 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. | | |

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Section XI. Toxicological Information (cont'd)

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| 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

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| Ecotoxicity | There is no data available on the adverse effects of this material on the environment. |
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Section XIII. Disposal Considerations

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| Waste Disposal | Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations. |
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Section XIV. Transportation Information

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| U.S. D.O.T. | | | |
| Shipping Name: | Not regulated | UN Number: | None |
| Hazard Class: | None | Packing Group: | None |
| Remarks | None | | |

Section XV. Regulatory Information**U.S. Federal Regulations:**

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| 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:

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| 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

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|--|---------------------------------|
| Approval Date | 3/13/2009 |
| Supersedes Date | 2/9/2009 |
| Prepared by | Technical Services 262-781-8850 |
| Sections Revised Since Last Version | Section II |

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