



JAX INC.

Approval Date 2/9/2009

Supersedes Date 2/2/2007

Material Safety Data Sheet

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	JAX MAGNA-PLATE 1100	Product ID No.	11002
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	Non-Emergency Contact	JAX: 262-781-8850 JAX/FAX: 262-781-3906
Chemical Name	Lubricating grease		
Chemical Family	Hydrocarbon		
Chemical Formula	Mixture		
Material Uses	Lubricant		

Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA. This material is essentially lubricating oils thickened with a mixed complex base soap and containing antiwear, corrosion & oxidation agents. USDA H2 authorized.	5 mg/m3, OSHA (oil mist)	Mixture	100.0
LC ₅₀ , LD ₅₀ 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	May cause slight irritation and redness.
Skin Contact	Prolonged or repeated contact may cause irritation.
Ingestion	Not likely to be ingested under normal conditions of use.
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)

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

Eye Contact	Remove contact lenses, if wearing, and flush eyes with water for 15 minutes or until irritation subsides. 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. Call a physician immediately.
Inhalation	Vapor inhalation under ambient conditions is not normally a problem. If overcome by vapors from heated product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation and administer oxygen, if available. If overcome by oil mist, remove from further exposure until excessive oil mist condition subsides.

Section V. Fire and Explosion Data

Autoignition Temperature	Not available	Sensitivity to Impact	Not available
Flash Point	475°F (246°C), lowest oil	Sensitivity to Static Discharge	Not available
Flammable Limits (Approx.)	LOWER Flammable Limit: Not determined	UPPER Flammable Limit:	Not determined
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	Use water spray, dry chemical, foam or carbon dioxide as extinguishing medium. Do not use water or foam, as they may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing apparatus for enclosed or confined spaces or as otherwise needed. Use of self-contained breathing equipment and chemical-resistant clothing is recommended.		
Special Remarks - Fire and Explosion Hazards	Pressure will increase in overheated, closed containers. Use water to keep fire-exposed containers cool.		

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	Keep away from heat, sparks and other sources of ignition. DO NOT reuse empty containers without reconditioning. Avoid contact with eyes, skin and clothing. 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)

Storage Do not store near heat, sparks, flame, strong oxidizers or other incompatibles. Keep containers closed when not in use.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection Use respiratory protection if needed to keep airborne levels below recommended oil mist exposure limits.

Ventilation Use in a well-ventilated area. See Engineering Controls.

Protective Gloves Use chemical-resistant gloves, if needed to avoid prolonged or repeated skin contact.

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. Wear impervious apron or clothing, if needed.

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	Tan-colored grease with mild petroleum odor	Vapor Pressure	<0.01 mm Hg @ 20°C
Odor Threshold	Not available	Vapor Density	>5 (air = 1)
Specific Gravity	0.99 @ 60°F	Percent Volatile	Not available
Density	Not available	Evaporation Rate	<0.01 (butyl acetate = 1)
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	Semi-solid

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 oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.		
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.		

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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.
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Section XIII. Disposal Considerations

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

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:**

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
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SARA (Section 313)	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
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SARA Extremely Hazardous List	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
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TSCA Inventory	All components of this material are on the U.S. TSCA Inventory.
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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
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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	2/9/2009
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Prepared by	Technical Services 262-781-8850
Sections Revised Since Last Version	Section I

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