



# JAX INC.

Approval Date 10/14/2009

Supersedes Date 9/14/2009

## Material Safety Data Sheet

### Section I. Chemical Product and Company Identification

Product Name/ Trade Name	<b>JAX AQUA-GUARD FG</b>	Product ID No.	<b>46900</b>
Supplier	<b>JAX INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA</b>	<b>Emergency Contact</b>  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	<b>Non-Emergency Contact</b> JAX: 262-781-8850 JAX/FAX: 262-781-3906	
Chemical Name	Mixture		
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.			
Amines, C11-14-branches alkyl, monohexyl and dihexyl phosphates	None established	80939-62-4	10-15
<b>IMPORTANT:</b> Minimum dilution ratio for FDA incidental food-contact lubricant status is 20:1 (Water:Aqua-Guard FG)			
<b>LC<sub>50</sub>, LD<sub>50</sub> of Ingredients</b>	Not available		

### Section III. Hazards Identification

<b>Emergency Overview</b>	Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
<b>Potential Health Effects:</b>	
<b>Eye Contact</b>	May cause slight irritation and redness.
<b>Skin Contact</b>	May cause slight irritation. Prolonged or repeated contact may cause dermatitis.
<b>Ingestion</b>	May be harmful if swallowed. May be irritating to the esophagus.
<b>Inhalation</b>	May be irritating to the mucous membrane with prolonged exposure.

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

<b>HMIS Code</b>	Health: <b>1</b>	Fire: <b>1</b>	Physical Hazard: <b>0</b>	<b>HAZARD RATINGS:</b>	0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard	3 Serious Hazard 4 Severe Hazard
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**Section IV. First Aid Measures**

<b>Eye Contact</b>	Remove contact lenses, if wearing, and flush eyes with water for 15 minutes. If irritation persists, consult a physician.
<b>Skin Contact</b>	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.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Inhalation</b>	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.

**Section V. Fire and Explosion Data**

<b>Autoignition Temperature</b>	Not available	<b>Sensitivity to Impact</b>	Not available
<b>Flash Point</b>	360°F (182°C), ASTM D 92	<b>Sensitivity to Static Discharge</b>	Not available
<b>Flammable Limits (Approx.)</b>	<b>LOWER</b> Flammable Limit: Not available	<b>UPPER</b> Flammable Limit:	Not available
<b>Explosion Hazards</b>	See Lower and Upper Flammable Limits		
<b>Products of Combustion</b>	Oxides of carbon, nitrogen and phosphorus; smoke and fumes.		
<b>Firefighting Media and Instructions</b>	Dry chemical, foam, water spray (fog), carbon dioxide-type extinguishing agents 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. Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.		
<b>Special Remarks - Fire and Explosion Hazards</b>	For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Leaks/ruptures in high-pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (open flame, pilot lights, sparks or electric arcs).		

**Section VI. Accidental Release Measures**

<b>Release or Spill</b>	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.
<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 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** Keep container tightly closed, in cool, well ventilated area.

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

**Respiratory Protection** Use with appropriate respiratory protection if there is the potential for overexposure to fumes.

**Ventilation** No special ventilation required under normal conditions of use.

**Protective Gloves** Use chemical-resistant, impervious gloves.

**Eye Protection** Chemical splash goggles or face shield in compliance with OSHA regulations 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** None required under normal conditions of use. Use of local exhaust is recommended. Eyewash and safety shower are optional.

**Exposure Limit** See Section II.

**Section IX. Physical and Chemical Properties**

<b>Appearance/Odor</b>	White emulsion with little or no odor	<b>Vapor Pressure</b>	Not available
		<b>Vapor Density</b>	Not available
<b>Odor Threshold</b>	Not available	<b>Percent Volatile</b>	0.0
<b>Specific Gravity</b>	0.9786 (typical)	<b>Evaporation Rate</b>	Not available
<b>Density</b>	Not available	<b>Viscosity</b>	Not available
<b>Molecular Weight</b>	Not available	<b>Solubility in Water</b>	Emulsion
<b>pH</b>	5.1 (typical)	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Boiling Point</b>	Not available	<b>Physical State</b>	Liquid
<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 of Instability</b>	Not available		
<b>Conditions and Materials to Avoid</b>	Avoid strong oxidizers.		
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.		
<b>Hazardous Decomposition Products</b>	Oxides of carbon, nitrogen and phosphorus; smoke and fumes.		

**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.
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**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.
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**Section XIV. Transportation Information**

<b>U.S. D.O.T.</b>	
<b>Shipping Name:</b>	Not regulated
<b>UN Number:</b>	None
<b>Hazard Class:</b>	None
<b>Packing Group:</b>	None
<b>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 :  None
<b>SARA (Section 313)</b>	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: 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: 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: 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>	<b>10/14/2009</b>
<b>Supersedes Date</b>	<b>9/14/2009</b>
<b>Prepared by</b>	Technical Services 262-781-8850
<b>Sections Revised Since Last Version</b>	Sections III and V

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