



SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD
(HCS) 29 CFR 1910.1200

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Revision Date 8/20/2015
Supersedes Date 7/30/2015

SECTION 1. IDENTIFICATION

Product identifier: JAX Aqua-Guard FG

Part number: 46900

Identified uses: Lubricant where there may be incidental food contact. **NOTE:** Must be diluted at least 20:1 (Water:JAX Aqua-Guard FG) to maintain incidental food-contact lubricant status.

Uses advised against: Not intended for direct food contact. Other uses advised against may be specified elsewhere in this SDS.

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Emergency telephone: INFOTRAC:
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Eye Damage/Irritation Cat. 2; Skin Corrosion/Irritation Cat. 2

Label elements

Pictograms: 

Signal word: Warning

Hazard statements: Causes serious eye irritation. Causes skin irritation.

Precautionary statements: Wash thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/ doctor. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

Hazards not otherwise classified: Harmful to aquatic life with long lasting effects.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	10-25	80939-62-4	None
	Triphenyl phosphorothionate	2.5-10	597-82-0	None

SECTION 4. FIRST-AID MEASURES

First aid measures

Eye contact: Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

Skin contact: Remove clothing and shoes, if contaminated. Immediately wash with water and soap and rinse thoroughly. If skin irritation persists, consult a doctor. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes.

Ingestion: If swallowed, DO NOT induce vomiting. Call for medical help immediately.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed: Causes skin irritation. Causes serious eye damage.

Indication of any immediate medical attention and special treatment available: See First aid measures (above).

General information: No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media:** Carbon dioxide (CO₂), powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Water may be used to keep fire-exposed containers cool.
- Unsuitable extinguishing media:** Do not use direct stream of water.
- Specific hazards:** Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.
- Advice for firefighters:** Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.
- Environmental precautions:** Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
- Methods for containment and cleaning up**
- Land spill:** Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.
- Water spill:** Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

SECTION 7. HANDLING AND STORAGE

- Precautions for safe handling:** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.
- Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Store away from oxidizing agents. Rotate stock.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- | <u>Workplace exposure limits:</u> | <u>Chemical name</u> | <u>Exposure limit and source</u> |
|--|---|---|
| | Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates | Not available |
| | Triphenyl phosphorothionate | Not available |
- Exposure controls**
- Engineering controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.
- Ventilation:** Use in a well-ventilated area. See Engineering Controls.
- Personal hygiene:** Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
- Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
- Hand protection:** Any lined non-permeable rubber gloves.
- 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---------------------------------------|---|----------------|
| <u>Appearance / odor:</u> | White emulsion with little or no odor | <u>Upper flammability limit:</u> | Not available |
| <u>Physical state:</u> | Liquid | <u>Lower flammability limit:</u> | Not available |
| <u>Odor threshold:</u> | Not available | <u>Vapor pressure:</u> | Not available |
| <u>pH:</u> | Not available | <u>Vapor density:</u> | Not available |
| <u>Melting / freezing point:</u> | Not available | <u>Relative density:</u> | 0.98 (typical) |

<u>Initial boiling point and boiling range:</u>	Not available	<u>Solubility in water:</u>	Emulsion
<u>Flash point:</u>	360°F (182°C), ASTM D 92	<u>Partition coefficient (n-octanol/water):</u>	Not available
<u>Evaporation rate:</u>	Not available	<u>Autoignition temperature:</u>	Not available
<u>Flammability (solid, gas):</u>	Not applicable	<u>Decomposition temperature:</u>	Not available
		<u>Viscosity:</u>	Not available

SECTION 10. STABILITY AND REACTIVITY

<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Chemical stability:</u>	Stable under recommended conditions.
<u>Possibility of hazardous reactions:</u>	Hazardous reactions are not expected to occur.
<u>Conditions and materials to avoid:</u>	Avoid strong oxidizers.
<u>Hazardous decomposition products:</u>	Oxides of carbon, nitrogen and phosphorus; smoke and fumes.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

<u>Eye contact:</u>	Causes serious eye irritation.
<u>Skin contact:</u>	Causes skin irritation.
<u>Inhalation:</u>	No known significant effects or critical hazards.
<u>Ingestion:</u>	No known significant effects or critical hazards.

<u>Component information:</u>	<u>Components</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
	Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates	Not available	Not available
	Triphenyl phosphorothionate	>2000 mg/kg (oral, rat)	Not available

Information on physical, chemical and toxicological effects

<u>Symptoms:</u>	Please see Section 4 of this SDS for symptoms.
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Delayed and immediate effects, and chronic effects, from short and long-terms exposure

<u>Effects:</u>	Causes skin irritation. Causes serious eye damage.
<u>Carcinogenicity:</u>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

<u>Numerical measures of toxicity:</u>	Not determined
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SECTION 12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	Harmful to aquatic life with long lasting effects.		
<u>Component information:</u>	<u>Components</u>	<u>L(E)C₅₀</u>	
	Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates	Not available	
	Triphenyl phosphorothionate	>100 mg/l/48h (Daphnia magna)	
<u>Persistence and degradability:</u>	Not determined		
<u>Bioaccumulative potential:</u>	Not determined		
<u>Mobility in soil:</u>	Not available		
<u>Other adverse effects:</u>	Not determined		

SECTION 13. DISPOSAL CONSIDERATIONS

<u>Waste treatment</u>	Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
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methods: Consult national or regional authorities for proper disposal and reporting procedures.

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>Proper Shipping Name:</u>	<u>UN Number:</u>	<u>Hazard Class:</u>	<u>Packing Group:</u>	<u>Remarks:</u>
<u>U.S. D.O.T.</u>	Not regulated	None	None	None	None
<u>ADR/RID</u>	Not regulated	None	None	None	None
<u>IMDG</u>	Not regulated	None	None	None	None
<u>IATA</u>	Not regulated	None	None	None	None

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:
None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA:
None

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:
None

TSCA Inventory: All components of this material are on the U.S. TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product does not contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65 Listed Components: None

International Regulations

Canada: This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations.

Japan MITI: Not available

Australia: Not available

Switzerland: Not available

SECTION 16. OTHER INFORMATION

Sections Revised: Sections 2 and 11

Revision Date: 8/20/2015

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

*** END OF SDS ***