



BEHNKE LUBRICANTS INC

Approval Date 6/14/2007

Supersedes Date 1/31/2007

Material Safety Data Sheet

Section I. Chemical Product and Company Identification	
Product Name/ Trade Name	JAX AQUA-GUARD FG
Product ID No.	46900
Supplier	BEHNKE LUBRICANTS INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA
Synonym(s)	None
Chemical Name	Mixture
Chemical Family	Mixture
Chemical Formula	Mixture
Material Uses	Lubricant
Emergency Contact	
For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC: NORTH AMERICA 800-424-9300 INTERNATIONAL +01-703-527-3887 Collect	
Non-Emergency Contact JAX: 262-781-8850 JAX/FAX: 262-781-3906	

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	1-5	
Alkylated phosphorothionate	None established	192268-65-8	1-5	
LC₅₀, LD₅₀ 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	May cause slight irritation. Prolonged or repeated contact may cause dermatitis.
Ingestion	May be harmful if swallowed. May be irritating to the esophagus.
Inhalation	May be irritating to the mucous membrane with prolong exposure.



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Section III. Hazards Identification (cont'd)

HMIS Code	Health:	1	Fire:	0	Physical Hazard:	0	HAZARD RATINGS	
							0 Minimal Hazard	3 Serious Hazard
							1 Slight Hazard	4 Severe Hazard
							2 Moderate Hazard	

Section IV. First Aid Measures

Eye Contact	Remove contact lenses, if wearing, and flush eyes with water for 15 minutes. 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 and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.
Inhalation	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

Autoignition Temperature	Not available	Sensitivity to Impact	Not available
Flash Point	Product is non-flammable.	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	Oxides of carbon, nitrogen and phosphorus; smoke and fumes.		
Fire-Fighting Media and Instructions	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.		
Special Remarks - Fire and Explosion Hazards	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

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 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

Appearance/Odor	White emulsion with little or no odor	Vapor Pressure	Not available
		Vapor Density	Not available
Odor Threshold	Not available	Percent Volatile	0.0
Specific Gravity	0.9786	Evaporation Rate	Not available
Density	Not available	Viscosity	Not available
Molecular Weight	Not available	Solubility in Water	Emulsion
pH	5.1	Coefficient of Water/Oil Distribution	Not available
Boiling Point	Not available	Physical State	Liquid
Freezing/Melting Point	Not available		

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 strong oxidizers.		

Hazardous Polymerization Hazardous polymerization will not occur.

Hazardous Decomposition Products Oxides of carbon, nitrogen and phosphorus; smoke and fumes.

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:	Not regulated
Hazard Class:	Not regulated	Packing Group:	Not regulated
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
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:

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	6/14/2007
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Prepared by	Technical Services 262-781-8850
Sections Revised Since Last Version	New MSDS format



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