JAX INC.

Material Safety Data Sheet

Approval Date 2/9/2009
Supersedes Date 2/1/2007

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	**JAX HYDRO-GUARD RCG**
Product ID No.	**21999**
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	Not applicable
Non-Emergency Contact	JAX: 262-781-8850 JAX/FAX: 262-781-3906
Chemical Family	Mixture
Chemical Formula	Not applicable
Material Uses	Lubricant

Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.			
n-Propyl bromide	100 ppm, OSHA	106-94-5	70-80
1,2-Butylene oxide	400 ppm, OSHA	106-88-7	<5

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 Contact or high vapor concentration may cause irritation and pain.

Skin Contact Brief contact may cause slight irritation; prolonged contact may cause moderate irritation and dermatitis. This problem may be accentuated by liquid becoming trapped against the skin by contaminated clothing and shoes.

Ingestion Swallowing of this material may result in irritation of the mouth and gastrointestinal tract, abdominal pain and vomiting, in addition to effects similar to those caused by inhalation.

Inhalation High concentrations are irritating to the respiratory tract. May cause headache, dizziness, nausea, and vomiting. May cause narcosis in confined or poorly ventilated areas.

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Section III. Hazards Identification (cont'd)

HMIS Code Health: ***2*** 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. Flush with large amounts of water for at least 15 minutes, occasionally lifting upper and lower eyelids. If irritation occurs, contact physician immediately.

Skin Contact Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder it before reuse. Destroy or properly dispose of contaminated shoes. Should any irritation persist, get medical attention.

Ingestion Ingestion is not likely as an aerosol but, if ingested, DO NOT induce vomiting. If spontaneous vomiting is about to occur, place the victim's head below his knees to prevent aspiration. If victim is conscious, have him drive large amounts of water. Do not give anything by mouth to an unconscious person. Do not leave victim unattended. Call a physician or poison control center immediately.

Inhalation Move person to fresh air. Provide oxygen if breathing is difficult. Administer cardiac pulmonary resuscitation (CPR) if victim is not breathing. Contact physician immediately.

Section V. Fire and Explosion Data

Autoignition Temperature Not available

Flash Point 500°F (260°C), ASTM D 92

Sensitivity to Impact Not available

Sensitivity to Static Discharge Not available

Flammable Limits (Approx.) ***LOWER*** Flammable Limit: Not applicable ***UPPER*** Flammable Limit: Not applicable

Explosion Hazards See Lower and Upper Flammable Limits

Products of Combustion Product will decompose at temperatures above 752°F (400°C), releasing fumes of carbon monoxide, carbon dioxide, hydrogen bromide and/or bromine.

Firefighting Media and Instructions Use (NFPA) Class B extinguisher, carbon dioxide, or foam as extinguishing media. 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. Pressure build-up due to heat exposure may cause containers to explode. Water may be used 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. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Special Remarks - Fire and Explosion Hazards Product will decompose at temperatures above 752°F (400°C), releasing fumes of carbon monoxide, carbon dioxide, hydrogen bromide and/or bromine.

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 open flame. Do not throw empty container into fire or trash compactor. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not breathe vapor or mist. Do not transfer to nor store in an unmarked container. Read label before using. Do not smoke when handling this product. Do not cut on empty containers as they may contain vapors that are flammable. Use with adequate ventilation. Do not take internally. Keep out of reach of children.

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Section VII. Handling and Storage (cont'd)

Storage	Store in tightly sealed containers. 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.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection	In open areas with unrestricted ventilation, a NIOSH/MSHA respirator to remove solid airborne particles of overspray may be used if prolonged or repeated exposure is likely. In areas with restricted ventilation, the use of an approved chemical/mechanical filter designed to remove both particles and organic vapors is recommended.
Ventilation	Supply sufficient ventilation to keep air contaminant concentration below current OSHA (PEL) or ACGIH (TLV) limits.
Protective Gloves	Wear gloves impervious to chemicals. Viton and Norfoil are recommended. Do not use natural rubber gloves.
Eye Protection	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
Personal Hygiene	Wash hands before eating or using washroom. Do not eat, drink or smoke when using this product.
Engineering Controls	Implement engineering controls so that workplace exposure limit(s) of product or any component is not exceeded. Use impervious protective clothing (gloves, boots, apron or full body suit) depending on operation. Do not wear protective clothing, apron or boots made of natural rubber.
Exposure Limit	See PEL/TLV of ingredients in Section II

Section IX. Physical and Chemical Properties

Appearance/Odor	Yellow liquid with strong characteristic odor	**Vapor Pressure**	Not available
		Vapor Density	4.25
Odor Threshold	Not available	**Percent Volatile**	Not available
Specific Gravity	1.20 @ 20°C	**Evaporation Rate**	Not available
Density	Not available	**Viscosity**	Not available
Molecular Weight	Not available	**Solubility in Water**	0.25 g/100 ml @ 20°C
pH	Not available	**Coefficient of Water/Oil Distribution**	Not available
Boiling Point	>160°F (71°C)		
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 and open flames. Avoid strong oxidizers and acids. May attack some plastics, rubber and coatings. Thoroughly test for all applications before use.		
Hazardous Polymerization	Hazardous polymerization will not occur.		
Hazardous Decomposition Products	Product will decompose at temperatures above 752°F (400°C), releasing fumes of carbon monoxide, carbon dioxide, hydrogen bromide and/or bromine.		

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.

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.

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

SARA (Section 313) This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:
1,2-Butylene oxide, CAS #106-88-7, present at <5%

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 **2/9/2009**

Supersedes Date **2/1/2007**

Prepared by Technical Services 262-781-8850

Sections Revised Since Last Version Section I