



SAFETY DATA SHEET

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

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Revision Date 7/14/2020
Supersedes Date 7/13/2020

SECTION 1. IDENTIFICATION

Product identifier: JAX Bio-Guard™ Wire Rope Lube 00
Part number: BGWR00
Identified uses: Industrial lubricant
Uses advised against: Not intended for direct food contact. Other uses advised against may be specified elsewhere in this SDS.

Supplier: JAX INC.
W134 N5373 Campbell Drive
Menomonee Falls, WI 53051 USA

Email contact: info@jax.com

Non-emergency contact: Phone: 262-781-8850 Fax: 262-781-3906

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: While this material is not classified as hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Label elements

Pictograms: Not applicable

Signal word: Not applicable

Hazard statements: None

Precautionary statements: None

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	Component(s) not classified as hazardous and/or not present at reportable levels	100	Mixture	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. 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: 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: No further relevant information available.

Indication of any immediate medical attention and special treatment available: Provide general supportive measures and treat symptomatically.

General information: No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

Unsuitable extinguishing media: Do not use direct stream of water, as this will spread the fire.

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. Handle and open container with care. Wear appropriate personal protective equipment. Avoid prolonged and repeated contact with grease, particularly used grease. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Use work methods which minimize production of vapors and mists. Observe good industrial hygiene practices.

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. Safe storage temperature: 40°F to 100°F. Store away from strong 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>
	Component(s) not classified as hazardous and/or not present at reportable levels	None determined

Exposure controls

Engineering controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits. When working with heated product, mechanical ventilation may be required.

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. Remove grease with soap and water or skin cleaning agent; do not use organic solvents.

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. Frequent change of gloves is advisable.

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 with particle filter (type P2).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / odor: Golden-colored grease with characteristic odor

Upper flammability limit: None

Lower flammability limit: None

Physical state: Semi-solid

<u>Odor threshold:</u>	Not available	<u>Vapor pressure:</u>	<0.5 mm Hg @ 20°C
<u>pH:</u>	Not applicable	<u>Vapor density:</u>	> 1 (air = 1)
<u>Melting / freezing point:</u>	Not available	<u>Relative density:</u>	0.92 (typical)
<u>Initial boiling point and boiling range:</u>	Not available	<u>Solubility in water:</u>	Practically insoluble
<u>Flash point:</u>	Not available	<u>Partition coefficient (n-octanol/water):</u>	Not available
<u>Evaporation rate:</u>	< 1 (n-butyl acetate = 1)	<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>	Conditions to avoid: High temperatures; exposure to light. Materials to avoid: Strong oxidizing agents.
<u>Hazardous decomposition products:</u>	Thermal decomposition may produce smoke, oxides of nitrogen, oxides of carbon and lower molecular weight organic compounds whose composition have not been characterized.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

<u>Eye contact:</u>	Contact with eyes may cause irritation.
<u>Skin contact:</u>	Prolonged contact may cause redness, itching, irritation, eczema and oil acne.
<u>Inhalation:</u>	May cause irritation of respiratory tract.
<u>Ingestion:</u>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

<u>Component information:</u>	<u>Components</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
	Component(s) not classified as hazardous and/or not present at reportable levels	Not available	Not available

Information on physical, chemical and toxicological effects

<u>Symptoms:</u>	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>	Acute effects: May form vapors or oil mists during mechanical action or at elevated temperatures which may be irritating to the respiratory tract. Excessive inhalation of oil mist may affect respiratory system. Irritating to eyes and skin. May cause redness and pain. Swallowing may cause gastrointestinal irritation. This product contains a small amount of a sensitizing substance which may provoke an allergic reaction among sensitive individuals. Chronic effects: Degreasing. Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema, and oil acne.
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<u>Carcinogenicity:</u>	No carcinogenicity data available for this product.
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<u>Numerical measures of toxicity:</u>	Not determined
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SECTION 12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	Biobased greases are generally non-hazardous to the environment.
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<u>Component information:</u>	<u>Components</u>	<u>L(E)C₅₀</u>
	Component(s) not classified as hazardous and/or not present at reportable levels	Not available

<u>Persistence and degradability:</u>	Not determined
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<u>Bioaccumulative</u>	Not determined
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potential:**Mobility in soil:** This product is immiscible with water and will spread on the water surface.**Other adverse effects:** Not determined**SECTION 13. DISPOSAL CONSIDERATIONS****Waste treatment methods:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. 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.

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

TSCA Inventory: All components are either listed or exempted from listing on the TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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: New SDS format

Revision Date: 7/14/2020

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 ***