

# BIO LUBRI<sup>®</sup>

*An Environmentally  
Friendly Approach to  
Industrial Lubrication*



# GREASKOTE<sup>®</sup>

## BIOBASED WIREROPE LUBRICANTS

An Environmentally Acceptable Lubricant- VGP Compliance

NATO STOCK NO: 9150-32-086-8666

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# BIOLUBRI-GREASKOTE 100

## ENVIRONMENTALLY FRIENDLY WIRE ROPE CONDITIONER GREASE



### INTRODUCTION

Biolubri® Greaskote 100 is a wire rope conditioner & lubricant that exhibits excellent lubrication and anti-corrosion properties. It is specially developed for the marine environment, providing ultimate rust protection and lubrication for wire ropes. It is an anti-corrosive grease, that offers the ultimate anti-corrosion protection, rust inhibition and long-life lubrication under shipping conditions anywhere in the world.

Biolubri® Greaskote 100 offers users an environmentally friendly grease coating that is developed to meet stringent environmental requirements. This revolutionary green product provides users excellent alternatives to mineral based lubricants without comprising on the lubricant's performance and capabilities. It is an excellent solution for applications where demand for environmental parameters is a matter of priority.

Biolubri® Greaskote 100 is both biodegradable and non-toxic to the applicators and environment.



### APPLICATION AND AREA OF USE

It is used wherever protection against rust and/or lubrication is needed: Wire ropes, Crane wires, Winches, Mooring Wires, Lifeboat-Davits Falls, Derricks, Open Gears Shackles, Backsprings, Tankcover-Screws, Hoists, Lashings, Hatch-cover Wheels, Valves, Bearings, Screws & Bolts, and etc.

### MODE OF APPLICATION

Can be applied by brush, glove or wire-lubricator

### TYPICAL PHYSICAL PROPERTIES

Appearance: Black Grease	Solubility in Water: No
Flash Point: Min. 250° C	NLGI Grade: 2-2.5
Dripping Point: Above 150° C	Specific Gravity: 0.9±0.025

### FEATURES & BENEFITS

- Biobased Lubricant: Meets stringent environmental requirements.
- RoHS Compliant: Meets European Union Restriction of Hazardous Substances Directive.
- Biodegradable & Environmentally Friendly
- Nitrite-Free & does not contain heavy metals.
- Cure almost immediately and maintains a grease-like texture.
- Biolubri Greaskote 100 can be applied when wire ropes are wet.
- Excellent Hydrophobic properties: Does not leave a sheen on the surface of water.
- Non-Drying Film: Protective layer prevents penetration of moisture-flexibility without cracking.
- Fortified with Rust Inhibitors: Provides chemically active for ultimate rust protection.
- Excellent Adhesion Properties: Ensure excellent adhesion to wire ropes. Suitable for all climatic conditions: It provides excellent lubrication as well as rust protection in all weather conditions.

### AVAILABLE PACKAGING

18kgs pail or 180 kgs drum





ASTM B117 SALT SPRAY TEST RESULTS (After 456 hours)



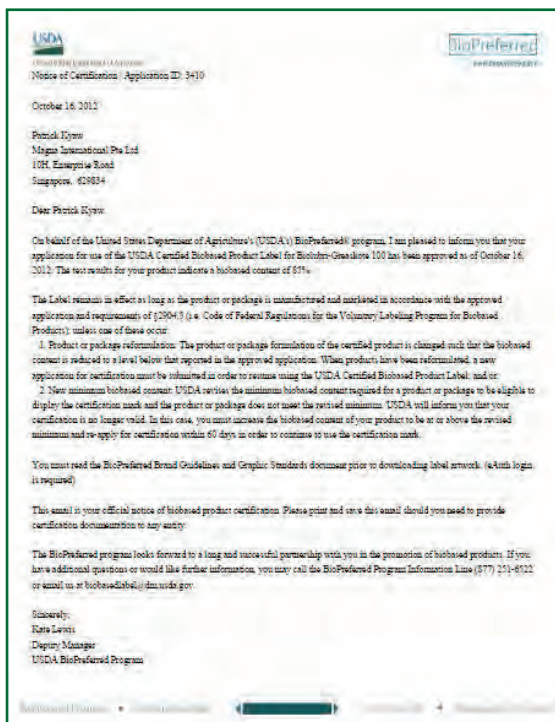
ASTM B117 SALT SPRAY TEST RESULTS (After 1000 hours)

### USDA CERTIFIED BIOBASED PRODUCT LABEL

Magna International Pte Ltd has earned the USDA Certified Biobased Product Label for its Biolubri-Greaskote 100. The USDA Certified Biobased Product Label verifies that the products amount of renewable biobased ingredients meets or exceeds prescribed USDA standards. Biobased products are goods composed in whole or in significant part of agricultural, forestry, or marine materials.

“Being organically based, BioLubri lubricants are targeted to optimize efficiency and productivity of machinery and equipment, while being mindful of our planet. Adoption of bio-lubricants should be actively promoted to prevent the undesirable scenario of placing both land and waterways in jeopardy”; said Mr. Nelson Cheng, President/CEO of Magna International. Mr. Nelson thinks the label helps inform consumers about the value of BioLubri products.

All biobased amount claims are verified by independent labs and monitored by the USDA. Consumers may feel secure in the accuracy of the biobased amount and be empowered in making better informed purchasing decisions.



### About Magna International Pte Ltd

Magna International Pte Ltd, an innovative chemical company that manufactures specialty chemical products, was incorporated in September 1992. Our specialty chemical products are represented in 25 countries in the Asia Pacific Region and Europe.

The issue of environment protection and sustainable development has become more of an imperative on a global scale than before in recent years. Faced with the dual dilemmas of both shrinking resources coupled with expanding populations, the demand for environmentally-responsible commerce remains a top priority for industries and government alike.

In response to the need for greater industrial environmental responsibility, Magna International has expanded with the addition of a subsidiary division, Magna Energy, which specializes in research and development in organically-based cleaning agents, bio-lubricants, fuel additives and as well as harnessing solar energy.

One of the main driving forces behind industries is fuel, which poses a serious threat to the environment through the occurrence of accidents and also through the by-products produced from its various uses. Industrialization, since the turn of the 19th century, has brought about a major cause for concern with pollution caused by its heavy reliance on fuel, as well as the fact that fuel shortage is a likely scenario in the not too distant future.

Magna International recognizes the importance of remediating the toxic effects that petroleum derivatives have on our ecological capital, and has developed a range of bio-lubricants and cleaning agents specially designed for minimal impact on the environment, simultaneously without compromising on lubrication performance.

Being fully organically based, Magna's bio-lubricants are targeted to optimize efficiency and productivity of machinery and equipment, while being mindful of our planet. Adoption of bio-lubricants should be actively promoted to prevent the undesirable scenario of placing both land and waterways in jeopardy.

For more information on Biolubri-Greaskote products, please contact us at:



### Headquarters & Far East Office: Magna International Pte Ltd

10H, Enterprise Road, Singapore 629834.

Tel (65) 6788-1228

Fax (65) 6785-1497

Email [info@magnachem.com.sg](mailto:info@magnachem.com.sg)

Website <http://www.magnachem.com.sg>

The details of our products are given completely free of undertaking. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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**www.magnachem.com.sg**  
Your Partner In Chemical Innovation



**Magna**

**Headquarters & Far East Office:**  
**Magna International Pte Ltd**  
10H, Enterprise Road,  
Singapore 629834.  
Tel (65) 6788-1228  
Fax (65) 6785-1497 Email  
info@magnachem.com.sg  
Website www.magnachem.com.sg

**Magna**

**NAFTA Region North  
America Office: Magna  
Chemical Canada Inc**  
1450 Government Road  
West, Kirkland Lake, Ontario  
P2N 2E9, Canada Email  
magna@vappro.com  
Website www.vappro.com

**Magna**

**Australia Office:**  
**Vappro Corrosion Control Australia Pty Ltd**  
6 / 23-25 Bunney Road  
Oakleigh South VIC 3167  
Tel (61) 3 9558 2980  
Fax (61) 3 9558 3430  
Email info@vappro.com.au Website  
www.biolumbri.com

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