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# PRODUCT INFORMATION

**BALMAR, LLC**

*Liquid-O-Ring®*

**255**

## ALL PURPOSE WATER-RESISTANT GREASE

*Liquid-O-Ring® 255* is an all purpose, water-resistant lubricant that contains rust and oxidation inhibitors. It is highly adhesive, has excellent stability, and good E.P. properties.

### BENEFITS

- Highly Adhesive
- Excellent Stability
- Extreme Pressure Properties
- Rust and Oxidation Inhibitors

### APPLICATION:

*Liquid-O-Ring® 255* is recommended for a wide variety of farm, automotive, marine, and industrial applications including industries such as valve rebuilders, pipeline companies, auto and truck industries, and oilfield service companies. It is used on high and low speed bearings, on packing wheel bearings, and general lubrication points subject to shock and water-washout conditions. Other uses include trailer wheel bearings, ball joints, and fifth wheel lubrication.

### PACKAGING:

Available in 5 gal (18.9 L) pail

**WARRANTY** Because the conditions of use and the reputation of application are beyond our control, we assume no liability for any product failure or other damage beyond the purchase price of the material furnished by us. No agent, representative, or employee of this Company is authorized to change this provision, which relates to all goods delivered, whether sold, delivered as samples, or otherwise.

Manufactured by  
**BALMAR, LLC**

618 WEST PONT DESMOULTON ROAD/LAFAYETTE, LA 70507-4002

Sales Locations:

LAFAYETTE, LA - HOUSTON, TX - MARSHALL, TX - MIDLAND, TX - YUKON, OK



Made in U.S.A.

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255PLP65(10/04)A

Color BLUE



# TYPICAL OBSERVATIONS

## BALMAR, LLC

*Liquid-O-Ring<sup>®</sup>*

255

### ALL PURPOSE WATER-RESISTANT GREASE

Color	Blue
Appearance	Paste
Odor	Mild Petroleum
Density, lb/gal @ 77°F (25°C)	7.35
Specific Gravity	0.880
Penetration, ASTMD-217 worked @ 77°F (25°C)	265 - 285
NLGI Grade	2
Flash Point, ASTM D-92	>400°F (>204°C)
Base Oil Viscosity	
cst @ 100°F (37°C)	192
cst @ 210°F (98°C)	13
Oil Separation, ASTM D-1742 @ 77°F (25°C)	<5
Water Washout Characteristics ASTM D-1264 @ 100°F (37°C)	Nil
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	Nil

**NOTE:** The description of the physical properties of Balmar, LLC products represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. These descriptions are supplied as a technical service and are subject to change without notice. The most current information will be provided upon request.



Manufactured by

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BALMAR, L.L.C.  
616 W. PONT DES MOUTON RD  
LAFAYETTE, LA 70507-4002

DATE PREPARED:  
1/5/2005

EMERGENCY TELEPHONE:  
(337)232-2496

### MATERIAL SAFETY DATA SHEET

#### I. PRODUCT IDENTIFICATION

Product <b>255</b>	<b>TM 255</b> <b>All Purpose Waterproof Grease</b>		Chemical Name <b>Not Applicable</b>
Chemical Family <b>All Purpose Grease</b>	Formula <b>Mixture</b>	CAS NUMBER <b>Not Applicable</b>	
HAZARDOUS MATERIAL INFORMATION SYSTEM CODES Least=0 Slight=1 Moderate=2 High=3 Extreme=4	Health Code <b>1</b>	Fire Code <b>1</b>	Reactivity Code <b>0</b>
			Protection <b>B</b>

#### II. HAZARDOUS COMPONENTS, INGREDIENTS:

INGREDIENT:	%	OSHA LIMIT (PEL)	ACGIH (TLV)
Breakdown of this product may liberate the following hazardous components			
<b>Not Applicable</b>			
Title III, Sec. 313 Status: Ingredient:	%		CAS #
<b>Not Applicable</b>			

#### III. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point <b>Not Applicable</b>	Vapor Pressure <b>Not Applicable</b>	Evaporation Rate <b>Not Applicable</b>
Percent Volatile by Volume <b>Not Applicable</b>	Appearance <b>Blue Paste</b>	Odor <b>Mild Petroleum</b>
Vapor Density <b>Not Applicable</b>	Specific Gravity (H20=1) <b>0.875</b>	Solubility in Water <b>&lt;1</b>

#### IV. FIRE PROTECTION INFORMATION

Flash Point and Method <b>Above 400°F</b>	Auto Ignition Temperature <b>Not Available</b>	Flammable Limits % Volume in Air <b>Not Available</b>	Lower %	Upper %
Extinguishing Media <b>Carbon Dioxide, dry chemical, foam, or water fog.</b>				
Hazardous Decomposition Products <b>Incomplete combustion can yield carbon monoxide and various hydrocarbons.</b>				
Fire and Explosion Hazard <b>No known explosion hazards. May produce toxic fumes at temperatures above 930°F.</b>				

HAZARDOUS POLYMERIZATION: Will Not Occur  May Occur  Stability: Stable  Unstable

#### V. Health Information

##### INHALATION

**Not Applicable**

##### EYE CONTACT

**Possible irritation with repeated or prolonged contact.**

##### SKIN CONTACT

**Possible irritation with repeated or prolonged contact.**

##### INGESTION

**Possible irritation, nausea, or diarrhea if ingested. Aspiration hazard.**

#### REPORTED AS POTENTIAL CARCINOGEN OR CARCINOGEN:

- American Conference of Governmental Industrial Hygienists  
 Not Applicable  
 International Agency For Research On Cancer  
 OSHA  
 National Toxicology Program

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## MATERIAL SAFETY DATA SHEET

### VI. FIRST-AID PROCEDURES

#### INHALATION

*Not applicable.*

#### EYE CONTACT

*Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.*

#### SKIN CONTACT

*Wash with soap and water thoroughly after handling.*

#### INGESTION

*Do NOT induce vomiting. If conscious, drink large quantities of water. Get medical attention immediately.*

### VII. EMPLOYEE PROTECTION

RESPIRATORY PROTECTION (UTILIZE NIOSH-APPROVED RESPIRATORS. REFER TO MFG PROTECTION FACTORS AND OSHA STANDARD 1910.134 AS A GUIDELINE)

*Not required under normal conditions of use.*

#### SPECIAL PROTECTION INFORMATION:

##### EYE

*Safety glasses to protect from unexpected splashes.*

##### SKIN

*For prolonged or repeated contact, use nitrile or neoprene gloves.*

##### VENTILATION

*Not Applicable.*

#### SPECIAL PROTECTION

*Not required under normal conditions of use.*

### VIII. SPECIAL PRECAUTIONS

#### STORAGE

*Do not store with strong oxidizers. Avoid exposure to extreme temperatures.*

#### SHIPPING INFORMATION

*Not Applicable*

### IX. ENVIRONMENTAL PROTECTION

#### SPIILLS

*Pick up and place in container for disposal.*

#### WASTE DISPOSAL

*Utilize permitted industrial waste disposal site. Comply with environmental regulations. Burning is NOT recommended.*

ADDITIONAL COMMENTS: Containers should be either reconditioned by CERTIFIED firms or properly disposed of by APPROVED firms. Disposal of containers should be in accordance with applicable laws and regulations. EMPTY drums should not be given to individuals. Serious accidents have resulted from the misuse of EMPTIED containers (drums, pails, etc.). Refer to Section IV and IX.

DISCLAIMER: The information contained herein is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all environmental regulations. Our goal is to manufacture products with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is received from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.

The latest MSDS will be furnished with the shipment.

Last Updated

3/4/2004