



## LG - White Lithium Grease

MSDS Number: LG - aerosol

Revision Date: 05/01/12

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### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** LG - White Lithium Grease  
**Revision Date:** 05/01/12  
**MSDS Number:** LG - aerosol  
**Product Code:** 16-LG, 16LG-THD

**Manufacturer:** The Blaster Corporation  
8500 Sweet Valley Drive  
Valley View, Ohio 44125  
  
(216) 901-5800  
(216) 901-5801 fax  
www.blasterproducts.com

**24 Hour emergency contact:** Chemtrec (800) 424-9300

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL	CAS #	OSHA PEL	ACGIH TLV	wt %
Heptane	142-82-5	400ppm	400ppm	20 - 30
Liquefied Petroleum Gas (Propellant)	68476-86-8	1000ppm	1000ppm	10 - 20
Lubricating Oils, Petroleum Mixture**		N/A	N/A	10 - 20
Castor Oil, Hydrogenated,	64754-95-6	N/A	N/A	1 - 5
Titanium Dioxide	13463-67-7	N/A	N/A	<1
Zinc Oxide	1314-13-2	N/A	N/A	<1

\*\*The base oil for this product can be a mixture of any of the following highly refined petroleum streams:  
CAS 64741-88-4; CAS 64741-89-5; CAS 64741-95-3; CAS 64741-96-4; CAS64741-97-5; CAS64742-01-4; CAS 64742-52-5; CAS 64742-53-6; CAS 64742-54-7; CAS 64742-55-8; CAS 64742-56-9; CAS 64742-57-0; CAS 64742-62-7; CAS64742-63-8; CAS 64742-65-0; CAS 72623-83-7; CAS 72623-85-9; CAS 72623-86-0; CAS 72623-87-1



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### 3 HAZARDS IDENTIFICATION

- Route of Entry:** Eyes, skin, inhalation, ingestion
- Target Organs:**
- Inhalation:** Inhalation of vapors or spray mist may cause headaches, and/or nose and throat irritation.
- Skin Contact:** Repeated or prolonged contact with skin may produce redness, irritation and/or dryness. May cause or aggravate dermatitis or other existing skin condition.
- Eye Contact:** May cause immediate or delayed irritation. Irritation may show up as redness and/or swelling. May cause corneal damage.
- Ingestion:** Ingestion may cause irritation to the mouth, esophagus, and/or stomach.
- Signs or Overexposure:** Irritation of eyes, nose, throat, digestive tract.
- Pre-existing Conditions Aggravated:** Skin and respiratory disorders. Alcoholism, kidney, liver, cardiovascular and nervous system

**CAUTION! CONTENTS UNDER PRESSURE EXTREMELY FLAMMABLE**

### 4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue to monitor. Get medical attention.
- Skin Contact:** Remove contaminated clothing immediately! Wash skin with soap and water. If irritation develops, seek medical attention.
- Eye Contact:** Flush eye(s) with water for 15 minutes. Get medical attention. If eye irritation persists, obtain medical treatment.
- Ingestion:** Do not induce vomiting. Get medical attention immediately.

### 5 FIRE FIGHTING MEASURES

**Flash point:** <0°F\*

**Extinguishing Media:** Dry chemical, carbon dioxide or foam is recommended. Water spray may be used to cool containers or structures.

**General Fire and Explosion Hazards:** This material may be ignited by heat, sparks (static electricity), flame or other ignition sources. Vapors are heavier than air and will collect in low areas (sewers) and can travel considerable distances. If containers are not cooled in a fire, they may explode.

**Fire Fighting Procedures:** Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out. Try to contain spills or leaks if it can be done safely. Material will float on water. Avoid spreading.

**Unusual Fire & Explosion Hazard:** Level 3 Aerosols - Contents Under Pressure

**Special Fire Fighting Procedures:**

At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful.



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### 6 ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition and ventilate the area. Aerosol cans should be handled with caution. Sudden release of pressure could produce projectiles and atomized liquid. Leaking aerosol cans should be put into suitable container until the internal pressure has dissipated. Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains. Use suitable absorbents to collect liquid product. Consult regulations for the proper disposal of the container, liquid and absorbents.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling. Use with good ventilation.

**Storage Requirements:** Store in a dry place away from excessive heat. Store containers with lids on and properly labeled.

Do not store at temperatures above 120 degrees F.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Eye wash stations and emergency showers should be immediately available.

**Protective Equipment:** Eyes and Face: Standard safety glasses with splash shields typically offer adequate protection. Where excessive splashing or spraying is possible, a face shield should be used.

Skin and clothing: Excessive contact should be avoided. Nitrile gloves, boots and aprons will provide adequate protection when contact cannot be avoided. Remove and wash any contaminated clothing immediately. Wash thoroughly after handling.

Respiratory: Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below OSHA established exposure limits of ingredients in Section 2.

**Exposure Guidelines/Other:** The Blaster Corporation takes no responsibility for determining what measures are required for personal protection in any specific application. This information should be used with discretion.



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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	white cream colored grease	<b>Boiling Point:</b>	180 - 200 F
<b>Physical State:</b>	aerosol	<b>Freezing/Melting Pt.:</b>	not determined
<b>Odor:</b>	typical petroleum	<b>Solubility:</b>	Slight
<b>pH:</b>	not determined	<b>Spec Grav./Density:</b>	0.7 (water = 1)
<b>Vapor Pressure:</b>	not determined		
<b>Vapor Density:</b>	>1 (air = 1)		
<b>Heat Value:</b>	not determined		
<b>VOC:</b>	not determined		
<b>Evap. Rate:</b>	>1 [NBA=1]		
<b>Bulk Density:</b>	not determined		
<b>Octanol:</b>	not determined		
<b>Molecular Weight:</b>	not determined		
<b>Particle Size:</b>	not applicable		
<b>Softening Point:</b>	not applicable		
<b>Viscosity:</b>	not determined		
<b>Percent Volatile:</b>	not determined		
<b>Sat. Vap. Concentrat.:</b>	not determined		
<b>Molecular Formula:</b>	not determined		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	This product is stable.
<b>Conditions to avoid:</b>	Avoid excessive heat, sources of ignition and excessive water.
<b>Materials to avoid (incompatibility):</b>	Avoid strong oxidizers
<b>Hazardous Decomposition products:</b>	Carbon monoxide, carbon dioxide and various hydrocarbons
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

#### Acute oral toxicity

Heptane LD 50 Rat: > 15,000 mg/kg

#### Acute inhalation toxicity

Heptane LC 50 Rat: 103 g/m<sup>3</sup>, 4 h

#### Acute dermal toxicity

Heptane LD 50 Rabbit: > 2,001 mg/kg

No other toxicological information is available for this product or its components.



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### 12 ECOLOGICAL INFORMATION

Ecological information on this product as a mixture has not been determined.

### 13 DISPOSAL CONSIDERATIONS

Used or unused product should be disposed of in accordance with local, state and federal regulations. Some special regulations may exist for the disposal of aerosol containers.

Empty containers may contain residual pressure and contents. They should be handled with the same precautions as the product.

### 14 TRANSPORT INFORMATION

#### Dept. of Transportation (DOT):

This product, as it leaves Blaster's facilities, meets the definitions set forth in CFR 49 part 173.150c as a "consumer commodity." Allowing for certain exceptions (173.156) for domestic surface (ground) shipments.

**Proper shipping name:** Consumer Commodity  
**Hazard class:** ORM-D

#### International (IMO-IATA):

**Proper shipping name:** Aerosols, Limited Quantities  
**Hazard class:** 2.1 Flammable Compressed Gas  
**UN Number:** 1950



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### 15 REGULATORY INFORMATION

#### SARA 311/312:

Immediate ( x ) Delayed ( ) Fire ( x ) Reactive ( ) Sudden Release of Pressure ( x )

#### Section 313

This product contains:

Zinc Oxide 1314-13-2 <1%

Heptane 142-82-5 20-30%

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65.

**VOC Regulations:** This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

**Consumer Product Safety Act General Conformity Certification:** This product was evaluated by The Blaster Corporation, and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location listed in Section 1 of this MSDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above.

### 16 OTHER INFORMATION

#### Manufacturer's Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Corporation nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exists.

#### HMIS Ratings

Health:	1
Fire:	4
Reactivity	0

END OF MSDS DOCUMENT