

SECTION 1: IDENTIFICATION | 1.1. Product Identifier  
Product Form:

Product Name: WHITE LITHIUM GREASE

CAS No:

Synonyms:

1.2. Intended Use of the Product  
Use of the substance/mixture:

1.3. Name, Address, and Telephone of the Responsible Party  
Company

The Blaster Corporation

8500 Sweet Valley Drive

Valley View, Ohio 44125

Phone: (216) 901-5800

1.4. Emergency Telephone Number  
Emergency | 1-800-424-9300

number |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture  
Classification (GHS-US)

Flam. Aerosol | 2  
Asp. Tox. | 1

2.2. Label Elements

GHS-US Labeling  
Hazard Pictograms (GHS-US) | Flame | Gas Cylinder | Health Hazard

Signal Word (GHS-US) | DANGER

Hazard Statements (GHS-US) | Flammable aerosol.  
| Pressurised container: May burst if heated.  
| May be fatal if swallowed and enters airways.

Precautionary Statements (GHS-US) | Keep away from heat, hot surfaces, sparks, open  
| flames and other ignition  
| sources. No smoking.  
| Do not spray on an open flame or other ignition  
| source.  
| Do not pierce or burn, even after use.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.

Intentional inhalation of gas from the container may be fatal.

## 2.4. Unknown Acute Toxicity (GHS-US)

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1. Substance

Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

## 3.2. Mixture

Name	Product identifier	%	Classification
			(GHS-US)
Petroleum Distillates, H304		30 - 50	Asp. Tox. 1;
Hydrotreated H227			Flam. Liq. 4;
Propane H221	74-98-6	5 - 15	Flam. Gas 2;
n-Butane H221	106-97-8	5 - 15	Flam. Gas 2;
Zinc Oxide	1314-13-2	<1	Aquatic Acute 1;
			H400
1;			Aquatic Chronic
			H410

## SECTION 4: FIRST AID MEASURES

## 4.1. Description of First Aid Measures

## First-aid Measures General:

First-aid Measures After Inhalation: Remove person to fresh air and keep comfortable for breathing. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention. Call a POISON CENTER/doctor if you feel unwell.

First-aid Measures After Skin Contact: Not normally required. If skin irritation occurs: Get medical advice/attention

First-aid Measures After Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

First-aid Measures After Ingestion: Unlikely to be required but if necessary treat

symptomatically. Do not give anything by mouth to an unconscious person. Seek medical treatment.

4.2. Most important symptoms and effects, both acute and delayed  
Symptoms/Injuries: IF SWALLOWED: Do not induce vomiting

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion: IF SWALLOWED: Do not induce vomiting

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment  
Needed  
Not normally required.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

Suitable Extinguishing Media: Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable Extinguishing Media: Do not use water jet.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable vapour.

Explosion Hazard:

Reactivity:

### 5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions:

Protection During Firefighting: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures  
General Measures: Keep away from heat/sparks/open flames/hot surfaces. - No

smoking. Avoid contact with skin and eyes. Avoid breathing gas/spray.

6.1.1. For Non-emergency Personnel  
Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders  
Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions

Prevent liquid entering sewers, basements and work pits.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Methods for Cleaning Up:

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes.

Use product in a well-ventilated area only. Do not use in confined spaces.

Hygiene Measures:

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Keep container tightly closed.

7.3. Specific End Use(s)

Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Occupational Exposure Limits

SUBSTANCE.

CAS No.

(8hr TWA)

(STEL)

Note:

PEL

(OSHA)

TLV

(ACGIH)

PEL

(OSHA)

TLV

(ACGIH)

C9-C15 Alkanes & Cycloalkanes

Mixture

1200 mg/m<sup>3</sup>

n-Butane

106-97-8

250 ppm

Propane

106-97-8

1000 ppm

Aspyx.#

#

8.2. Exposure Controls  
Appropriate Engineering

| Ensure adequate ventilation.

Controls

|

Personal Protective Equipment

|

Materials for Protective

|

Clothing

|

Hand Protection	
Eye Protection	Wear protective eyewear (goggles, face shield, or safety glasses).
Skin and Body Protection	Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber).
Respiratory Protection	Normally no personal respiratory protection is necessary. In case of insufficient ventilation, suitable respiratory equipment. Check with protective equipment manufacturer's data.
Thermal Hazard Protection	Not normally required. Use gloves with insulation for thermal protection, when needed.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

##### 9.1. Information on Basic Physical and Chemical Properties

Physical State	
Appearance	Aerosol spray
Odor	Fuel oil-like.
Odor Threshold	Not available
pH	Not available
Relative Evaporation Rate (butylacetate=1)	Not available
Melting Point	Not available
Freezing Point	Not available
Boiling Point	Not available
Flash Point	-104 (-155 °F) - Propane
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Flammability (solid, gas)	Flammable aerosol
Vapor Pressure	ca. 95 x 104 (Propane)
Relative Vapor Density at 20 °C	
Relative Density	
Specific Gravity	
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Viscosity	<20 at 40°C
Lower Flammable Limit	2.1% v/v (Propane)
Upper Flammable Limit	9.5% v/v (Propane)

##### 9.2. Other Information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable.

10.3 Possibility of Hazardous Reactions

None anticipated.

10.4 Conditions to Avoid

Avoid contact with heat and ignition sources.

10.5 Incompatible Materials

This product should be stored away from sources of strong heat or oxidizing chemicals.

10.6 Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity:

Acute toxicity (calculated / estimated)

Oral: LD50 >5 g/kg-bw

Dermal: LD50 >2 g/kg-bw

Inhalation: LC50 >20 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness.

Skin Corrosion/Irritation: Repeated exposure may cause skin dryness or cracking.

Serious Eye Damage/Irritation:

Respiratory or Skin Sensitization: It is not a skin sensitizer.

Germ Cell Mutagenicity: Not available.

Carcinogenicity: It is unlikely to present a carcinogenic hazard to man.

Reproductive Toxicity: Not available

Specific Target Organ Toxicity (Single Exposure):

Specific Target Organ Toxicity (Repeated Exposure):

Aspiration Hazard:

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity:

Zinc Oxide (CAS# 1314-13-2)

Short term

LOEC (96 hour): 180 ?g/L (Danio rerio)

LC50 (96 hour): 1.793 mg/L (Danio rerio)

EC50 (48 hour): 1.7 mg/L (Daphnia magna, mortality)

NOEC (72 hour): 50 ?g/L (Pseudokirchnerella subcapitata)

Long Term

NOEC (30 days) 26 ?g/L (Jordanella floridae)

NOEC (21 days): 48 ?g/L (Daphnia magna)

NOEL (72 hour) 50 ?g/L (Pseudokirchnerella subcapitata)

12.2. Persistence and Degradability

12.3. Bioaccumulative Potential

12.4. Mobility in Soil

12.5. Other Adverse Effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information:

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name |Aerosols, flammable

Hazard Class	2.1	<PICTOGRAM PHRASE>
--------------	-----	--------------------

Identification Number	1950	
-----------------------	------	--

Label Codes		
-------------	--	--

ERG Number		
------------	--	--

14.2 In Accordance with IMDG  
Proper Shipping Name |Aerosols, flammable

Hazard Class | 2.1

Identification Number | 1950

Label Codes		<PICTOGRAM PHRASE>
ntification Of The		
Substance/m		
EmS-No. (Fire)		
EmS-No. (Spillage)		

14.3 In Accordance with IATA  
Proper Shipping Name |Aerosols, flammable

Identification Number | 1950 | <PICTOGRAM PHRASE>

Hazard Class	2.1	
Label Codes		
ntification Of The		
Substance/m		
ERG Code (IATA)		

## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations <COMPONENT>

SARA Section 311/312 Hazard Classes |Fire: Yes

Sudden Release: Yes
Reactivity: No
Immediate (acute): No
Chronic (delayed): No

Toxic Substances Control Act (TSCA) | TSCA (Toxic Substance Control Act) -  
| Inventory Status: All components listed or  
| polymer exempt.

### 15.2 US State Regulations <COMPONENT>

California Proposition 65 List:

Chemical Name	CAS
No.	Type of Toxicity
None	-----
-----	-----

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date | November 5, 2014

Other | This document has been prepared in accordance with the SDS  
Information | requirements of the OSHA Hazard Communication Standard 29 CFR  
| 1910.1200.

## GHS Full Text Phrases:

---- H221	Flammable gas.
--	
---- H227	Combustible liquid.
--	
---- H304 airways.	May be fatal if swallowed and enters
--	
---- H319	Causes serious eye irritation.
--	
---- H400	Very toxic to aquatic life.
--	
---- H410 lasting	Very toxic to aquatic life with long
	effects.

Grainger disclaimer.