

MSDS Material Safety Data Sheet

The Blaster Corporation



GS Graphite Dry Lube

MSDS Number: GS aerosol

Revision Date: 11/10/10

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: GS Graphite Dry Lube
Revision Date: 11/10/10
MSDS Number: GS aerosol
Product Code: 8-GS

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

Ingredients	CAS #	Percent	Exposure Limits
Propane	74-98-6	5-10	1000 ppm, OSHA
Normal Butane	106-97-8	5-10	800 ppm, ACGIH
Toluene	108-88-3	1-5	50 ppm, OSHA
Acetone	67-64-1	55-65	500 ppm, ACGIH
Graphite	7782-42-5	10-20	.025 mg/m3, ACGIH

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.

CAUTION! CONTENTS UNDER PRESSURE EXTREMELY FLAMMABLE

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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:	Immediately give the person two large glasses of water. Do not induce vomiting. Get medical attention immediately. DO NOT GIVE AN UNCONCIOUS OR CONVULSING PERSON ANYTHING BY MOUTH!

5 FIRE FIGHTING MEASURES

Flash point: Less than -156F, estimated (for propellant)

Flammable Limits: LEL- 1.2% UEL-7.1%

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. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

6 ACCIDENTAL RELEASE MEASURES

Leaking aerosol cans should be put into suitable container until the internal pressure has dissipated. Use suitable absorbents to collect liquid product. Consult regulations for the disposal of the container, liquid and absorbents.

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7 HANDLING AND STORAGE

Handling Precautions: Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing. Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers. Do not incinerate.

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	black solution	Boiling Point:	not determined
Physical State:	aerosol	Freezing/Melting Pt.:	not determined
Odor:	typical solvent	Solubility:	insoluble
pH:	not determined	Spec Grav./Density:	approx. 0.7 (water = 1)
Vapor Pressure:	not determined		
Vapor Density:	not determined		
Heat Value:	not determined		
VOC:	approx. 80%		
Evap. Rate:	not determined		
Bulk Density:	not determined		
Octanol:	not determined		
Molecular Weight:	not determined		
Particle Size:	not applicable		
Softening Point:	not applicable		

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Viscosity:	not determined
Percent Volatile:	approx. 80%
Sat. Vap. Concentrat.:	not determined
Molecular Formula:	not determined

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

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

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.

Empty containers may contain residual pressure and contents. They should be handled with the same precautions as the product. Some special regulations may exist for the disposal of aerosol containers. Aerosol containers should be emptied and depressurized before disposal. Empty containers may be recycled.

It is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal.

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

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International (IMDT-IATA):

Proper shipping name: Aerosols, Limited Quantities
Hazard class: 2 Flammable Compressed Gas
UN Number: 1950

15 REGULATORY INFORMATION

SARA 311/312:

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

California Prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which require a warning under the statute: Toluene

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

EPA Toxic Substances Control Act (TSCA) Status: All the chemicals used in this product are TSCA listed.

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