

MSDS Material Safety Data Sheet

The Blaster Corporation



GDL - Garage Door Lube

MSDS Number: GDL Aerosol

Revision Date: 03/25/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: GDL - Garage Door Lube
Revision Date: 03/25/09
MSDS Number: GDL Aerosol
Product Code: 16-GDL, GDL-TS, 20-GDL

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

Hazardous Ingredients	CAS #	Percent	Exposure Limits
Odorless Mineral Spirits	64741-65-7	30-40%	OSHA (TWA)- N/E ACGIH (TLV)- N/E
Hydrotreated Light Distillates	64742-47-8	50-60%	OSHA (TWA)- 500 ppm ACGIH (PEL)- 500 ppm
Dimethylpolysiloxane	63148-62-9	5-15%	OSHA (TWA)- N/E ACGIH (TLV)- N/E
Phosphorodithioic Acid	68649-42-3	3-7%	none established
Carbon Dioxide	124-38-9	1-5%	OSHA (TWA) - 5000ppm ACGIH (TWA) - 5000ppm

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes, skin, inhalation, ingestion
Target Organs:
Inhalation: Inhalation of spray mist may cause irritation to the respiratory tract.
Skin Contact: Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis.
Eye Contact: Likely to cause immediate or delayed irritation. Irritation will show as redness and/or swelling of the eyes.
Ingestion: Ingestion may cause irritation to the mouth, esophagus and stomach.



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May aggravate a pre-existing skin and respiratory disorders.

Physical Hazard: Aerosol containers are pressurized (even when empty!) Do not expose to temperatures above 120° F. Do not puncture or burn can. Failure to observe these precautions may result in rapid and violent decompression of the container producing projectiles and atomization of the liquid contents.

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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

Flashpoint: 130° F (TCC)

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

Extinguishing Media: Dry chemical. Carbon dioxide, halon or foam.

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure: Leaking cans should be put into suitable container until the internal pressure has dissipated.

Waster Disposal Method: Empty aerosol cans should be punctured and drained. Can and contents can then be incinerated. Dispose of in accordance with local, state and federal regulations.

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.



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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. Neoprene 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 Chemical Companies 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:	Clear viscous oily	Boiling Point:	360 F
Physical State:	Liquid	Freezing/Melting Pt.:	Not determined
Odor:	slight	Solubility:	nil
pH:	Not determined	Spec Grav./Density:	0.81 (water = 1)
Vapor Pressure:	Not determined		
Vapor Density:	Not determined		
Heat Value:	Not determined		
VOC:	Not determined		
Evap. Rate:	>1 (NBA = 1)		
Bulk Density:	Not determined		
Octanol:	Not applicable		
Molecular Weight:	Not determined		
Particle Size:	Not applicable		
Softening Point:	Not applicable		
Viscosity:	Not determined		
Percent Volatile:	Not determined		
Sat. Vap. Concentrat.:	Not determined		
Molecular Formula:	Not determined		



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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 contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water.
Hazardous Decomposition products:	Carbon monoxide, carbon dioxide, and various hydrocarbons.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Hydrotreated Light Distillates 64742-47-8

ACUTE STUDIES

EYE EFFECTS Slight irritation on contact.

SKIN EFFECTS May cause irritation or dermatitis with prolonged and repeated contact.

ACUTE ORAL EFFECTS Tests on similar materials indicate an order of acute oral toxicity.

ACUTE INHALATION EFFECTS Acute toxicity expected on inhalation.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA. Therefore, if the precautions outlined in this bulletin are followed to minimize repeated or prolonged skin contact which could cause irritation, these oils should pose no carcinogenic hazard to humans. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Nevertheless, good industrial hygienic practices are recommended.

No other toxicological information has been established for this product or its components.

12 ECOLOGICAL INFORMATION

Ecotoxicity

Component Analysis:

- Phosphorodithioic Acid (68649-42-3) Aquatic Toxicity
- 96 hr LC50 Pimephales Promelas 1-5 mg/L (static)
- 48 hr EC50 Daphnia Magna 1-1.5 mg/L

No other ecological information has been established for this product or its components.

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 empty aerosol containers.

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



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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 (IMDT-IATA):

Proper shipping name: Aerosols, Limited Quantities
Hazard class: 2.2 Flammable Gas
UN Number: 1950

15 REGULATORY INFORMATION

The following is a selected list of regulatory requirements. Not all such requirements are identified. Users of this product are solely responsible for compliance with all applicable federal, state and local regulations

SARA 311:

Acute health:	Yes	Chronic health:	No
Fire:	Yes	Sudden release of pressure:	Yes
Reactive:	No		

SARA 313: Title III of the 1986 Super fund Amendments and Reauthorization Act (SARA) and 40 CFR PART 372.
None

All the chemicals used in this product are TSCA listed.

No component of this product is listed a carcinogen by OSHA, IARC, ACGIH or NTP. Prolonged or repeated exposure can cause drying or dermatitis of skin.

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65.



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16 OTHER INFORMATION

Manufacturer's Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Chemical Companies 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 hazard which exists.

HMIS Ratings:

Health: 1
Fire: 2
Reactivity: 0

NFPA Ratings:

Health: 1
Fire: 2
Reactivity: 0

END OF MSDS DOCUMENT