



## Lawn Mower Tune-Up

MSDS Number: LMT - aerosol

Revision Date: 02/25/09

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### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Lawn Mower Tune-Up  
**Revision Date:** 02/25/09  
**MSDS Number:** LMT - aerosol  
**Product Code:** 16-LMT, 8-LMT-S

**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
Heavy Petroleum Distillate	64742-65-0	60-70%	OSHA (TWA)- N/E ACGIH (TLV)- N/E
Hydrotreated Light Distillate	64742-47-8	20-30%	OSHA (TWA)- N/E ACGIH (PEL)- 500 ppm
Isopropanol	67-63-0	1-10%	OSHA (TWA)- 400 ppm ACGIH (TWA)- 400 ppm
Carbon Dioxide	124-38-9	1-5%	OSHA (TWA)- 5000 ppm ACGIH (TWA)- 5000 ppm

### 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 such as swelling and redness.  
**Ingestion:** Ingestion is likely to cause irritation to the mouth, esophagus and stomach.

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.



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**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:** 75 °F (TCC)

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

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

### 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 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. 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.



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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

<b>Appearance:</b>	Red, viscous, oily	<b>Boiling Point:</b>	352 F
<b>Physical State:</b>	liquid	<b>Freezing/Melting Pt.:</b>	Not Determined
<b>Odor:</b>	Moderate aliphatic	<b>Solubility:</b>	nil
<b>pH:</b>	Not Determined	<b>Spec Grav./Density:</b>	0.8
<b>Vapor Pressure:</b>	Not Determined		
<b>Vapor Density:</b>	>1 [Air=1]		
<b>Heat Value:</b>	Not Determined		
<b>VOC:</b>	<10%		
<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 contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water.
<b>Hazardous Decomposition products:</b>	Carbon monoxide, carbon dioxide and various hydrocarbons
<b>Hazardous Polymerization:</b>	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.



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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.

### Heavy Petroleum Distillate 64742-65-0

INHALATION: Will not produce vapors unless heated to temperatures of ~300 F.°

EYE CONTACT: Irritating, but will not permanently injure eye tissue.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation.

INGESTION: Small amounts (tablespoonful) swallowed are not likely to cause injury. Larger amounts may cause nausea and vomiting. Consult a physician promptly.

CHRONIC (CANCER) INFORMATION: IARC Monographs state that when laboratory animals are exposed to severely hydrotreated oils, such as these product(s), there is insufficient evidence for cancer. Thus, these oils are Unlabeled in accordance with 29 CFR 1910.1200.

Median Lethal Dose (LD50 LC50) (Species)

Oral: Believed to be >5g/kg (rat); practically non-toxic

Inhalation: Not Determined

Dermal: Believed to be >3 g/kg (rat); practically non-toxic.

Irritation Index Estimation of Irritation (Species).

Skin: Believed to be <0.5/8.0 (rabbit); no appreciable effect

Eyes: Believed to be <15/110 (rabbit); no appreciable effect

Sensitization: Not Available

Other: None

### ISOPROPANOL

LD/50

5000 MG/KG RAT ORAL

3600 MG/KG MOUSE ORAL

6410 MG/KG RABBIT ORAL

12,800 MG/KG RABBIT DERMAL

LC/50

53,000 MG/M3 MOUSE INHALATION

72,600 MG/M3 RAT INHALATION

16,000 PPM/8H RAT INHALATION

## 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.



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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 Flammable Compressed Gas  
**UN Number:** 1950

### 15 REGULATORY INFORMATION

#### Environmental Regulations

##### SARA 311:

<b>Acute health:</b>	Yes	<b>Chronic health:</b>	No
<b>Fire:</b>	Yes	<b>Sudden release of pressure:</b>	Yes
<b>Reactive:</b>	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.  
Check with your local regulators to be sure all local regulations are met.

### 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 hazards which exists.

#### HMIS Ratings

<b>Health:</b>	2
<b>Fire:</b>	2
<b>Reactivity</b>	0