Material Safety Data Sheet
The Blaster Corporation

Lawn Mower Tune-Up

MSDS Number: LMT - aerosol
Revision Date: 03/23/12

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lawn Mower Tune-Up
Revision Date: 03/23/12
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

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>CAS #</th>
<th>Percent</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Petroleum Distillate</td>
<td>64742-65-0</td>
<td>60-70%</td>
<td>OSHA (TWA)- N/E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (TLV)- N/E</td>
</tr>
<tr>
<td>Hydrotreated Light Distillate</td>
<td>64742-47-8</td>
<td>20-30%</td>
<td>OSHA (TWA)- N/E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (PEL)- 500 ppm</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>1-10%</td>
<td>OSHA (TWA)- 400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (TWA)- 400 ppm</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1-5%</td>
<td>OSHA (TWA)- 5000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH (TWA)- 5000 ppm</td>
</tr>
</tbody>
</table>

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.
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.
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.

### PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Red, viscous, oily</td>
</tr>
<tr>
<td>Physical State</td>
<td>liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Moderate aliphatic</td>
</tr>
<tr>
<td>pH</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt;1 [Air=1]</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>352 F</td>
</tr>
<tr>
<td>Freezing/Melting Pt.</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>nil</td>
</tr>
<tr>
<td>Spec Grav./Density</td>
<td>0.8</td>
</tr>
<tr>
<td>Heat Value</td>
<td>Not Determined</td>
</tr>
<tr>
<td>VOC</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Evap. Rate</td>
<td>&gt;1 [NBA=1]</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Octanol</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Particle Size</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Softening Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Sat. Vap. Concentrat.</td>
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</tr>
<tr>
<td>Molecular Formula</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

### 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.

### 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.

**Heavy Petroleum Distillate**

**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

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**ECOLOGICAL INFORMATION**

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

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**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.
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: 2.1 Flammable Compressed Gas
UN Number: 1950

REGULATORY INFORMATION

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Superfund Amendments Reauthorization Act (SARA TITLE) III:
Hazard Category For Section 311/312: Acute Health, Fire Hazard, Sudden Release of Pressure

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None
Section 302 Extremely Hazardous Substances (TPQ): None

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 chemical 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.
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

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Fire</td>
<td>2</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

END OF MSDS DOCUMENT