MSDS Material Safety Data Sheet
The Blaster Corporation

TDL - The Dry Lube

MSDS Number: TDL - aerosol | Revision Date: 02/17/12

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: TDL - The Dry Lube
Revision Date: 02/17/12
MSDS Number: TDL - aerosol
Product Code: 16-TDL

Manufacturer:

The Blaster Corporation
8500 Sweet Valley Drive
Valley View, Ohio 44125

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2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Percent	Exposure Limits
Polytetrafluoroethylene	9002-84-0	<5%	OSHA (PEL)- 5 mg/m3 dust
Heptane	142-82-5	>85%	OSHA (TWA)- 500 ppm ACGIH (TWA)- 400 ppm
Carbon Dioxide	124-38-9	<3	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 likely to cause irritation to the respiratory tract. May cause headache, dizziness, nausea, vomiting or narcosis in confined or poorly ventilated areas.
Skin Contact: Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis.
Eye Contact: Likely to cause immediate or delayed irritaion. Irritation will show as redness and/or swelling of the eyes.
Ingestion: Ingestion may cause irritation to the mouth, esophagus and stomach. May cause abdominal pain, vomiting, dizziness and headaches.

May aggravate a pre-existing skin and respiratory disorders.

Physical Hazard: Aerosol containers are pressurized (even when empty!) Do not expose to temperatures above 120^0 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. Continuie 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 presists, obtain medical treatment.

Ingestion: Aspiration hazard! Do not induce vomiting or give anything by mouth. This material can enter the lungs and cause lung damage. If victim is drowsy or unconscious and vomiting, place on the left side with head down. Do not leave victime unattended, observe closely for adequacy of breathing. Seek medical attention.

5 FIRE FIGHTING MEASURES

Flash point: 15ºF ASTM D-56 (TCC)

Flammable Limits:

Lower Explosion Limit: 1.2%
Upper Explosion Limit: 6.7%

Auto Ignition Temperature: not determined

Extinguishing Media: Dry chemical, carbon dioxide or foam is recommended. Water may be ineffective for extinguishment, but can be useful in minimizing or dispersing vapors, protecting personnel and cooling containers. If containers are not properly cooled they can rupture in the heat of a fire. Avoid spreading burning liquid with water used for cooling purposes.

Unusual Fire & Expolsion Hazards: Level 3 Aerosols **-** Contents Under Pressure! This material is extremely flammable and can be ignitied by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, mechanical/electric equipment, and electronic equipment such as cell phones, computers, calculators which have not been certified as intrinsically safe.) Vapors may travel considerable distances to a source of ignition where the can ignite, flash back or explode. May create vapor/air explosion indoors, in confined spaces, outdoors or in sewers. Vapors are heavier than air and can accumulate in low areas.

6 ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition and ventilate the area. See section 8 for the appropriate personal protection. Aerosol cans should be handled with caution. Sudden release of pressure could produce projectiles and atomized combustible liquid. Leaking aerosol cans should be put into suitable container until the internal pressure has dissipated. Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains. 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. Do not wear contacts.

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. Use NIOSH approved respirator if ventilation is not adequate enough to maintain levels below these limits.

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:	milky white		
Physical State:	aerosol	**Boiling Point:**	195 F
Odor:	strong aromatic	**Freezing/Melting Pt.:**	Not Determined
pH:	Not Determined	**Solubility:**	Nil
Vapor Pressure:	2.3 psia (Reid VP) @ 100°F / 37.8°C	**Spec Grav./Density:**	0.697 @ 60ºF (15.6ºC)
Vapor Density:	3.5 (air=1)		

Heat Value:	Not Determined
VOC:	Not Determined
Evap. Rate:	8.10 (nBuAc=1)
Bulk Density:	5.81 lbs/gal
Octanol:	Not Determined
Molecular Weight:	Not Determined
Particle Size:	Not Appicable
Softening Point:	Not Appicable
Viscosity:	Not Determined
Percent Volatile:	Not Determined
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 ingition and excessive water.
Materials to avoid (incompatability):	Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water.
Hazardous Decomposition products:	Combustion will product carbon monoxide, carbon dioxide and other oxides.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity	**Hazard**	**LC50/LD50 Data**
Inhalation	Unlikely to be harmful	> 60 mg/L (Vapor)
Skin Absorption	Unlikely to be harmful	> 2g/kg (estimated)
Ingestion	Unlikely to be harmful	> 5g/kg (estimated)

Aspiration Hazard: May be fatal if swallowed and enters airways.

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

Serious Eye Damage/Irritation: Causes mild eye irritation.

Signs and Symptoms: Overexposure to vapors may result in respiratory tract irritation, coughing, nausea, headaches, vomiting, and CNS depression.

Skin Sensitization: No information available.

Respiratory Sensitization: No information available.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness and dizziness.

Specific Target Organ Toxicity (Repeated Exposure): Inadequate information available.

Carcinogenicity: No information available.

Germ Cell Mutagenicity: Inadequate information available.

Reproductive Toxicity: Inadequate information available.

Other Comments: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters' Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

12 ECOLOGICAL INFORMATION

This product's ecological effects have not evaluated.

Other Adverse Effects: None anticipated.

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.

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: 2.1 Flammable Compressed Gas
UN Number: 1950

15 REGULATORY INFORMATION

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 contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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.

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:	**2**
Fire:	**3**
Reactivity	**0**

END OF MSDS DOCUMENT