



## FOOD GRADE MULTI-PURPOSE LUBRICANT

# SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Blaster Food Grade Multi-Purpose Lubricant
CAS No.	Mixture
Trade Name	Food Grade Multi-Purpose Lubricant
Product Code	16-MPL-FG

**Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s)	Lubricant
Uses Advised Against	None
Company Identification	The Blaster Corporation 8500 Sweet Valley Drive Valley View, Ohio 44125
Telephone	(800) 858-6605
Fax	(216) 901-5801

**Emergency telephone number**

Emergency Phone No.	CHEMTEL 24 hr. 1-800-255-3924
---------------------	-------------------------------

### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200)	Flam. Aerosol 2; Compressed dissolved gas; Asp. Tox. 1
-----------------------------	--

**Label elements**

Hazard Symbol



**DANGER**

Signal word(s)

Hazard Statement(s)

Flammable aerosol.  
Pressurised container: May burst if heated.  
May be fatal if swallowed and enters airways.



## FOOD GRADE MULTI-PURPOSE LUBRICANT

Precautionary Statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Wash hands and exposed skin after use.

Wear protective gloves/protective clothing/eye protection/face protection.

Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards

None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Distillates (petroleum), hydrotreated light **	50 - 60	64742-47-8 **	Asp. Tox. 1; H304
White Mineral Oil	40 - 45	8042-47-5	Asp. Tox. 1; H304
Carbon Dioxide	1 - 2	124-38-9	Compressed dissolved gas; H280
Methylenebis (dibutylidithiocarbamate)	< 1	10254-57-6	Not classified as dangerous for transport.

Additional Information – None

\* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

\*\*Dearomatized. Contains <2% aromatic hydrocarbons.

### SECTION 4: FIRST AID MEASURES



#### Description of first aid measures

Inhalation

Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash affected skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

Aspiration of droplets may cause pulmonary oedema.

**Indication of any immediate medical attention and special treatment needed**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.



## FOOD GRADE MULTI-PURPOSE LUBRICANT

### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray. Do not use water jet.

**Special hazards arising from the substance or mixture**

Pressurised container: May burst if heated

**Advice for fire-fighters**

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/eye protection.

**Environmental precautions**

Prevent release to the environment.

**Methods and material for containment and cleaning up**

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

**Reference to other sections  
Additional Information**

None  
None

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wear protective gloves/eye protection/face protection. Avoid breathing spray. Avoid contact with skin.

**Conditions for safe storage, including any incompatibilities**

- Storage temperature

Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.

- Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals.

**Specific end use(s)**

Lubricant

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Mineral oils / Oil Mist	-----	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> <sup>(1)</sup>	-----	-----	<sup>(1)</sup> Inhalable
C <sub>9</sub> -C <sub>15</sub> Alkanes & Cycloalkanes	Mixture	-----	1200 mg/m <sup>3</sup>	-----	-----	-----
Carbon dioxide	124-38-9	5,000 ppm	5,000 ppm	-----	30,000 ppm	#

<sup>#</sup>Assure minimum oxygen content of work atmosphere.



## FOOD GRADE MULTI-PURPOSE LUBRICANT

### Recommended monitoring method

NIOSH 6603 (Carbon dioxide); NIOSH 1550 (Naphthas); NIOSH 5026 (Oil mist; mineral)

### Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

#### Personal protection equipment

Eye/face protection



Not normally required. Do not get in eyes.

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

### Environmental Exposure Controls

Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance

Aerosol spray

Color.

Clear colorless

Odor

Petroleum spirit

Odor Threshold (ppm)

Not available

pH (Value)

Not available

Melting Point (°C) / Freezing Point (°C)

Not available

Boiling point/boiling range (°C):

> 200 (> 392 °F)

Flash Point (°C)

> 96 (> 205 °F)

Evaporation Rate

Not available

Flammability (solid, gas)

Not applicable

Explosive Limit Ranges

Not applicable

Vapor pressure (Pascal)

Not available

Vapor Density (Air=1)

Not available

Density (g/ml)

Not available

Solubility (Water)

Not available

Solubility (Other)

Not available

Partition Coefficient (n-Octanol/water)

Not available

Auto Ignition Point (°C)

Not available

Decomposition Temperature (°C)

Not available

Kinematic Viscosity (cSt)

< 20.5 @ 40 °C

Explosive properties

Not available

Oxidizing properties

Not available

### Other information

Not available



## FOOD GRADE MULTI-PURPOSE LUBRICANT

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b> <b>Chemical stability</b> <b>Possibility of hazardous reactions</b> <b>Conditions to avoid</b> <b>Incompatible materials</b> <b>Hazardous decomposition product(s)</b>	Stable under normal conditions. Stable. None anticipated. Avoid contact with heat and ignition sources. Strong oxidizing agents Carbon monoxide, Carbon dioxide, Acrid smoke
---	---

### SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects**

<b>Acute toxicity</b> (calculated / estimated)  <b>Irritation/Corrosivity</b> <b>Sensitization</b> <b>Repeated dose toxicity</b> <b>Carcinogenicity</b>	Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-hr. rat  Repeated exposure may cause skin dryness or cracking. It is not a skin sensitizer. Not to be expected It is unlikely to present a carcinogenic hazard to man.
--	---

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

<b>Mutagenicity</b> <b>Reproductive toxicity</b>	Not to be expected Not to be expected
---	--

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity (calculated / estimated)**

<b>Short term</b>  <b>Long Term</b> <b>Persistence and degradability</b> <b>Bioaccumulative potential</b> <b>Mobility in soil</b> <b>Results of PBT and vPvB assessment</b> <b>Other adverse effects</b>	LC50 (96 hour): > 100 mg/L (fish) EC50 (48 hour): > 100 mg/L (crustacea) EC50 (72 hour): > 100 mg/L (algae)  Not to be expected Biodegradable Not available. Not available. Not available. None known.
---	---

### SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
--------------------------------	--



## FOOD GRADE MULTI-PURPOSE LUBRICANT

### SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
<b>UN number</b>	1950	1950	1950
<b>Proper Shipping Name</b>	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1	2.1	2.1
<b>Packing group</b>	Not applicable	Not applicable	Not applicable
<b>Environmental hazards</b>	None assigned	None assigned	None assigned
<b>Special precautions for user</b>	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

### SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	-----	-----

SARA 311/312 - Hazard Categories:

- Fire   
  Sudden Release   
  Reactivity   
  Immediate (acute)   
  Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Typical %wt.	Type of Toxicity
None			

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: March 7, 2017

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.

Training advice: None.



## FOOD GRADE MULTI-PURPOSE LUBRICANT

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.