



Food Grade Silicone Lubricant

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Blaster Food Grade Silicone Lubricant
CAS No.	Mixture
Trade Name	Food Grade Silicone Lubricant
Product Code	16-SL-FG

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

Identified Use(s)	Silicone-Based Multi-Purpose 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
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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
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Label elements

Hazard Symbol



Signal word(s)

Hazard Statement(s)

Flammable aerosol.

Pressurised container: May burst if heated.

May be fatal if swallowed and enters airways.

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



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Distillates (petroleum), hydrotreated light **	> 85	64742-47-8 **	Asp. Tox. 1; H304
Carbon Dioxide	1 - 2	124-38-9	Compressed dissolved gas; H280
Polydimethylsiloxane Fluid	5 - 10	63148-62-9	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.

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.



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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	None
Additional Information	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)	
C ₉ -C ₁₅ Alkanes & Cycloalkanes	Mixture	-----	1200 mg/m ³	-----	-----	-----
Carbon dioxide	124-38-9	5,000 ppm	5,000 ppm	-----	30,000 ppm	#

#Assure minimum oxygen content of work atmosphere.

Recommended monitoring method	NIOSH 6603 (Carbon dioxide); NIOSH 1550 (Naphthas)
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.





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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

SECTION 10: STABILITY AND REACTIVITY

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



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SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity (calculated / estimated)

Oral: LD50 >5000 mg/kg-bw
 Dermal: LD50 >2000 mg/kg-bw
 Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-hr. rat

Irritation/Corrosivity

Repeated exposure may cause skin dryness or cracking.

Sensitization

It is not a skin sensitizer.

Repeated dose toxicity

Not to be expected

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

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

Mutagenicity

Not to be expected

Reproductive toxicity

Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (calculated / estimated)

Short term

LC50 (96 hour): > 100 mg/L (fish)
 EC50 (48 hour): > 100 mg/L (crustacea)
 EC50 (72 hour): > 100 mg/L (algae)

Long Term

Not to be expected

Persistence and degradability

Biodegradable

Bioaccumulative potential

Not available.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not available.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

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

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



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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.

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