



Multi-Max Premium Synthetic Multi-Use Lubricant

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	Multi-Max
Product Code	16-MM, 16-MM-8, 16-MM-DS, MM-TS

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 www.blastercorp.com
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Telephone	(800) 858-6605
Fax	(216) 901-5801

Emergency telephone number

Emergency Phone No.

Transportation Emergency: CHEMTEL (800) 255-3924

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Compressed dissolved gas; Asp. Tox. 1

Label elements

Hazard Symbol



Signal word(s)

DANGER

Hazard Statement(s)

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

Precautionary Statement(s)

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

Other hazards:

None

Additional Information:

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Distillates, petroleum, hydrotreated heavy paraffinic**	50-80	64742-54-7	Asp. Tox. 1; H304
Distillates (petroleum), hydrotreated light **	20-30	64742-47-8	Asp. Tox. 1; H304



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Naphthalenesulfonic acid, dinonyl-, calcium salt (2:1)	0.75-3	57855-77-3	Skin Irrit. 2; H315 Eye Irrit. 2; H319
Carbon dioxide	2-5	124-38-9	Press. Gas (*)

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: 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	Not normally required. If symptoms occur obtain medical attention.
Skin Contact	Not normally required. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical 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

May be fatal if swallowed and enters airways.

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

Special hazards arising from the substance or mixture

Contains gas under pressure; may explode 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

Avoid contact with eyes.

Environmental precautions

Prevent liquid entering sewers, basements and work pits.

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



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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

-Storage temperature Protect from sunlight and do not expose to temperatures 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 ³	5 mg/m ³ ⁽¹⁾	-----	-----	⁽¹⁾
Carbon Dioxide	124-38-9	5,000 ppm	5,000 ppm	-----	30,000 ppm	#

#Assure minimum oxygen content of work atmosphere. ; (1) Inhalable fraction

Recommended monitoring method

Not normally required.

Exposure controls

Appropriate engineering controls

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

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

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

Environmental Exposure Controls

Prevent release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Aerosol
Color.	Amber
Odor	Typical Petroleum
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available



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Flash Point (°C)	284°F / 140°C
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Explosive Limit Ranges	Not available
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	<20 cSt
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
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, Acid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Distillates, petroleum, hydrotreated heavy paraffinic (CAS# 64742-54-7): By analogy with similar materials

Acute toxicity (calculated / estimated)	Oral: LD50 >5000 mg/kg-bw (rat) Dermal: LD50 >2000 mg/kg-bw (rabbit)
Irritation/Corrosivity	Mild irritant.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	No data
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

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

Mutagenicity	There is no evidence of mutagenic potential.
Reproductive toxicity	Not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity (estimated / calculated)	LC50(96 hour): >100 mg/l (fish) EC50(48 hour): >100 mg/l (Daphnia magna) EC50 (72 hour):> 100 mg/l (algae)
Long Term Toxicity	No data
Persistence and degradability	No data.
Bioaccumulative potential	Low



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Mobility in soil
Results of PBT and vPvB assessment
Other adverse effects

No data.
Not classified as PBT or vPvB.
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, non-flammable	Aerosols, non-flammable	Aerosols, non-flammable
Transport hazard class(es)	2.2	2.2	2.2
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

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: See SECTION 2 - HAZARDS IDENTIFICATION

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.	Type of Toxicity
None	-----	-----

SECTION 16: OTHER INFORMATION

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

Date of preparation: October 9, 2018



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

Hazard Statement(s)

- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

Training advice: None.

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