



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 |

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 |
| 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/m3 | 5 mg/m3 ⁽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, Acrid 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 | No data. |
| Results of PBT and vPvB assessment | Not classified as PBT or vPvB. |
| 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, 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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