



SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier B'laster Power Chain Lubricant

Other means of Identification

| | |
|-------------|---------------|
| SDS Number | 20-CL-PWR-DS |
| Part Number | 20-CL-PWR-DS |
| Tariff Code | 2710.19.30.80 |

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

| | |
|------------------------|-----------|
| Identified Use(s) | Lubricant |
| Identified Restriction | None |

Manufacturer/Importer/Supplier/Distributor Information

| | |
|------------------------|----------------------------------------------------------------------|
| Company Identification | B'laster LLC 8500 Sweet Valley Drive Valley View, OH 44125 |
| Telephone | (216) 901-5800 |
| Fax | (216) 901-5801 |
| Website | www.blasterproducts.com |

Emergency telephone number

| | |
|---------------------|--------------------------------|
| Emergency Phone No. | CHEMTREC 24 hr: 1-800-424-9300 |
|---------------------|--------------------------------|

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Liquefied gas; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements

Hazard Symbol



Signal word(s)

DANGER

Hazard Statement(s)

Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 May be fatal if swallowed and enters airways.
 Causes serious eye irritation.
 Causes skin irritation.
 May cause drowsiness or dizziness.

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.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s) | % wt. * | CAS No. | Hazard classification |
|--------------------------------------------------------|---------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Heptane, branched, cyclic and linear | 7-12 | 426260-76-6 | Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 3; H412 |
| Distillates (petroleum), hydrotreated heavy naphthenic | 9-19 | 64742-52-5 | Asp. Tox. 1; H304 |
| Severely Hydrotreated Residual oil | 0-10 | 64742-62-7 | Asp. Tox. 1; H304 |
| Propane | 9-19 | 74-98-6 | Flam. Gas 1; H220 Liquefied gas; H280 |
| Butane | 7-15 | 106-97-8 | Flam. Gas 1; H220 Liquefied gas; H280 |
| Mineral oil | <0.5 | 8042-47-5 | Not classified as dangerous for supply/use. |
| Polyisobutylene (Polyisobutene) | 25-35 | 9003-27-4 | Not classified as dangerous for supply/use. |
| methylenebis(dibutylidithiocarbamate) | 5-15 | 10254-57-6 | Not classified as dangerous for supply/use. |

Additional Information - None

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

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 soap and water. If symptoms develop, obtain medical attention. |
| 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 | May be harmful 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 | None |
| 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 | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Avoid breathing gas/spray. |
| 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 |

SECTION 7: HANDLING AND STORAGE

| | |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing gas/spray. |
| 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) | |
| Acetone | 67-64-1 | 1000 | 500 | ----- | 750 | ^NIC |
| Propane | 74-98-6 | 1000 ppm | Aspyx.# | ----- | ----- | # |
| Heptane, branched, cyclic and linear | 426260-76-6 | 500 ppm* | 1500 mg/m ³ | ----- | ----- | *n-heptane |
| Mineral oils / Oil Mist | ----- | 5 mg/m3 | 5 mg/m3 ⁽¹⁾ | ----- | ----- | ⁽¹⁾ Inhalable |

^NIC = Notice of Intended Changes (ACGIH®); #Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1300 (Ketones I); NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); ; 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

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



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely (Butyl rubber). 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

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|------------------------------------------|------------------------------------|
| Appearance | Aerosol spray |
| Color. | 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): | Not available |
| Flash Point (°C) | -104 (Propane) |
| Evaporation Rate | Not available |
| Flammability (solid, gas) | Extremely flammable aerosol. |
| Explosive Limit Ranges | 2.1% - 9.5% v/v (Propane) |
| Vapor pressure (Pascal) | ca. 95 x 10 ⁴ (Propane) |
| Vapor Density (Air=1) | ca. 1.56 @ 0 °C (Propane) |
| Density (g/ml) | 0.765 g/mL |
| 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) | Not available |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| VOC | 24.97% |
| 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

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

| | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity | Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw Inhalation: LC50 = 65 - 103 mg/L (Vapor), 4-hr. rat May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. |
| Irritation/Corrosivity | Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation. |
| Sensitization | It is not a skin sensitizer. |
| Repeated dose toxicity | NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects) LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects) May cause drowsiness or dizziness. |
| Carcinogenicity | No data. 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

Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

| | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity | |
| Short term | LL50 (96 hour): >13.4 mg/L (<i>Oncorhynchus mykiss</i>) EL50 (48 hour): 3 mg/l (<i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l (<i>Pseudokirchnerella subcapitata</i>) |
| Long Term | NOELR (28 days) 1.5 mg/l (<i>Fish</i>) QSAR LOEC (21 days): 0.32 mg/l (<i>Daphnia magna</i>) NOEL (96 hour) 6.3 mg/l (Algae) |
| Persistence and degradability | Readily biodegradable. |
| Bioaccumulative potential | The product has no potential for bioaccumulation. |
| Mobility in soil | Not available. |

Results of PBT and vPvB assessment
Other adverse effects

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, 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 | | | |

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 | ----- | ----- |

*Trace

SECTION 16: OTHER INFORMATION

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

Date of preparation: July 30, 2024

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H336: May cause drowsiness or dizziness.
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

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