



## 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)

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(dibutyldithiocarbamate)	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.
<b>Most important symptoms and effects, both acute and delayed</b>	May be harmful if swallowed and enters airways.
<b>Indication of any immediate medical attention and special treatment needed</b>	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

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

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Avoid breathing gas/spray.
<b>Environmental precautions</b>	Prevent liquid entering sewers, basements and work pits.
<b>Methods and material for containment and cleaning up</b>	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
<b>Reference to other sections</b>	None
<b>Additional Information</b>	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  
-Incompatible materials

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

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 <sup>3</sup>	-----	-----	*n-heptane
Mineral oils / Oil Mist	-----	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> <sup>(l)</sup>	-----	-----	<sup>(l)</sup> Inhalable

<sup>^</sup>NIC = Notice of Intended Changes (ACGIH®); <sup>#</sup>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 <sup>4</sup> (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:

<b>Acute toxicity</b>	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.			
<b>Irritation/Corrosivity</b>	Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.			
<b>Sensitization</b>	It is not a skin sensitizer.			
<b>Repeated dose toxicity</b>	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.			
<b>Carcinogenicity</b>	No data. It is unlikely to present a carcinogenic hazard to man.			
<b>NTP</b>	<b>IARC</b>	<b>ACGIH</b>	<b>OSHA</b>	<b>NIOSH</b>
No.	No.	No.	No.	No.
<b>Mutagenicity</b>	There is no evidence of mutagenic potential.			
<b>Reproductive toxicity</b>	Not available			

## SECTION 12: ECOLOGICAL INFORMATION

### Substances in preparations / mixtures

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

<b>Ecotoxicity</b>	
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 (Fish) QSAR LOEC (21 days): 0.32 mg/l ( <i>Daphnia magna</i> ) NOEL (96 hour) 6.3 mg/l (Algae)
<b>Persistence and degradability</b>	Readily biodegradable.
<b>Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
<b>Mobility in soil</b>	Not available.

**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, 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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