



SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

B'laster Power Air Filter Oil

Other means of identification

SDS Number

16-AFO-PWR

Part Number

16-AFO-PWR

Tariff Code

2901.29.50.00

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

Identified Use(s)

Air Filter Oil

Identified Restriction

None known

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
n-Hexane	40-50	110-54-3	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Repr. 2; H361 Skin Irrit. 2; H315 STOT SE 3; H336 STOT RE 2; H373
Distillates (petroleum), hydrotreated heavy naphthenic	5-10	64742-52-5	Asp. Tox. 1; H304
Severely Hydrotreated Residual oil	5-10	64742-62-7	Asp. Tox. 1; H304
Propane	10-20	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280
Butane	7-15	106-97-8	Flam. Gas 1; H220 Liquefied gas; H280
Polybutene	10-15	9003-29-6	Not classified as dangerous for supply/use.
Petroleum oil	<1	64742-58-1	Not classified as dangerous for supply/use.
Fragrance	<1	Mixture	Flam. Liq. 2; H225 Skin Sens. 1; H317 Acute Tox. 4 H332

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)	
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#
n-Hexane	110-54-3	500 ppm	50 ppm*	-----	-----	*Skin
Mineral oils / Oil Mist	-----	5 mg/m3	5 mg/m3 ⁽¹⁾	-----	-----	⁽¹⁾ Inhalable
n-Butane	106-97-8	-----	250 ppm	-----	-----	-----

^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)	0.745 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

n-Hexane (CAS No. 110-54-3):

Acute toxicity	Oral: LD50 ≈16 g/kg-bw (May be fatal if swallowed and enters airways.) Dermal: LD50 >2 g/kg-bw. rabbit Inhalation: LC50 > 17600 mg/m3 (Vapor), 24-hr. rat (May cause drowsiness or dizziness.)
Irritation/Corrosivity	Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	LOAEL: 37973 mg/kg (101 days, oral, rat, CNS effects) NOAEL: 1135 mg/kg (101 days, oral, rat, CNS effects) NOAEC: 1760 mg/m3 (90 day, inhal., female mice, nasal lesions) LOAEC: 3000 ppm (12 hr a day for 16 weeks, inhal., rat, CNS effects)
Carcinogenicity (By analogy with similar materials)	NOEL: 31736 mg/m3 (2 years, inhal. Oncogenic effects)

SECTION 12: ECOLOGICAL INFORMATION

Substances in preparations / mixtures

n-Hexane (CAS# 110-54-3):

Short term	LC50 (96 hour): >1000 µg/L (<i>Oryzias latipes</i>) LC50 (48 hour): 45 mmol/m3 (<i>Daphnia magna</i> , mortality) EC50 (96 hour): 2.66% (<i>C. pyreniodosa</i>)
Long Term	NOELR (28 days) 2.8 mg/l (<i>Fish</i>) QSAR NOELR (21 days): 4.88 mg/l (<i>Daphnia magna</i>) QSAR NOEL (96 hour) 2.077 mg/l (<i>Algae</i>) QSAR
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	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)
n-Hexane	110-54-3	52	5000

SARA 311/312 - Hazard Categories: See SECTION 2: HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
n-Hexane	110-54-3	40-50

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
n-Hexane	110-54-3	Reproductive

SECTION 16: OTHER INFORMATION

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

Date of preparation: August 28, 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.
- H317: May cause an allergic skin reaction.
- H336: May cause drowsiness or dizziness.
- H332: Harmful if inhaled
- H361 Suspected of damaging fertility of unborn child
- H373 May cause damage to organs through prolonged or repeated exposure

Training advice: None.

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