

Automotive A/C Vent & Duct Eliminator

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

Date issued: 10/12/2023

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name

Mixture

CAS No.

Mixture

Trade Name

Automotive A/C Vent and Duct Eliminator

Product Code

BLA503

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

Identified Use(s)

Cleaning product

Uses Advised Against

None

Company Identification

The B'laster Corporation

8500 Sweet Valley Dr.

Valley View, OH 44125

Telephone

(216) 901-5800

Fax

(216) 901-5801

E-Mail (com)

Emergency telephone number

Emergency Phone No.

Transportation Emergency:

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 2; Gas under pressure, Liquefied gas; Eye Irrit. 2

Label elements

Hazard Symbol



Danger

Signal word(s)

Hazard Statement(s)

Flammable aerosol

Contains gas under pressure; may burst if heated.

Causes serious eye irritation.

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Wear eye/face protection.

Wash hands and exposed skin after use.

Protect from sunlight and do not expose to temperatures exceeding 50

°C/122 °F.

Precautionary Statement(s)

Other hazards

None

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Propane	2-7	74-98-6	Flam. Gas 1, H220 Press. Gas (*)
Butane	2-7	106-97-8	Flam. Gas 1, H220 Press. Gas (*)
Water	70-85	7732-18-5	Not classified as dangerous for transport.
Sodium N-lauroylsarcosinate	0.1 – 1	137-16-6	Acute Tox. 2 (Inhalation);H330 Skin Irrit. 2; H315 Eye Dam. 1; H318
Isopropanol	5-15	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Morpholine	<1	110-91-8	Flam. Liq. 3: H226 Acute Tox. 3 (inhal. & dermal); H331 & H311 Acute Tox. 4 (oral); H302 Skin Corr. 1A; H314 Eye Dam. 1; H318
2-Butoxyethanol	1-5	111-76-2	Acute. Tox. 4; H302, H312, H332 Skin Irrit. 2; H315 Eye Irrit. 2a; H319
Sodium Benzoate	<1	532-32-1	Eye Irrit. 2a; H319
Fragrance	<1	Proprietary	Skin Irrit. 2; H315 Eye Irrit. 2; H319

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 laboured, 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 irritation develops and persists, get medical attention.
Ingestion	Immediately call a POISON CENTER or doctor/physician. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed None anticipated

Indication of any immediate medical attention and special treatment needed None anticipated

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

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-Suitable Extinguishing Media
-Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Do not use water jet.

Special hazards arising from the substance or mixture

Pressurised container: May burst 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 skin and eyes.
Environmental precautions	Prevent liquid entering sewers, basements and workpits.
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 Additional Information	None None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Use product in a well-ventilated area only. Avoid contact with skin and eyes.
Conditions for safe storage, including any incompatibilities	
-Storage temperature	Store in a well-ventilated place. Protect from sunlight. 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)	Cleaning product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
n-Butane	106-97-8	-----	250 ppm	-----	-----	-----
Propane	74-98-6	1000 ppm	Aspx.#	-----	-----	#
Isopropanol	67-63-0	400 ppm	200 ppm	-----	400 ppm	-----

#Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 1400 (Alcohols I); NIOSH 1403 (Alcohols IV).

Exposure controls

Appropriate engineering controls

Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.

Personal protection equipment

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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 (Nitrile rubber).
	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
	
Thermal hazards	Not normally required.
Environmental Exposure Controls	None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid / Liquefied gas
Color.	Clear
Odor	Not available
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)	Flammable
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)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	450 (Propane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
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)````	None known

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SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Mixtures

Acute toxicity	LD50 >5000 mg/kg-bw
Irritation / Corrosivity	Causes serious eye irritation.

Substances in preparations / mixtures

Propane (CAS# 74-98-6):

Acute toxicity

Irritation/Corrosivity
Sensitisation

Repeated dose toxicity

Carcinogenicity
Mutagenicity
Reproductive toxicity

Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)
No evidence of irritant effects from normal handling and use.
It is not a skin sensitizer.

NOAEC: ≥19678 mg/m³ (28-day, rat, Systemic effects)
LOAEC: 21641 mg/m³ (28-day, rat, effects: Body weight)

No data. It is unlikely to present a carcinogenic hazard to man.
There is no evidence of mutagenic potential.
None anticipated

Isopropanol (CAS# 67-63-0):

Acute toxicity

Oral: LD50 = 5.84 g/kg (rat)
Inhalation: LC50 > 1000 ppm (rat) 6 hour(s)
Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hour(s)
May cause drowsiness or dizziness.

Irritation/Corrosivity
Sensitization

Repeated dose toxicity

Carcinogenicity
Mutagenicity
Reproductive toxicity

Irritating to eyes.
It is not a skin sensitizer.

NOAEL = 5,000 ppm (Inhalation)
May cause drowsiness or dizziness.

It is unlikely to present a carcinogenic hazard to man.
There is no evidence of mutagenic potential.
Not available

SECTION 12: ECOLOGICAL INFORMATION

Isopropanol (CAS# 67-63-0):

Short term

LC50 (96 hour): 10,000 mg/l (Fathead minnow (*Pimephales promelas*))
LC50 24hour(s): >10,000 mg/l (*Daphnia magna*)

Long Term

NOEC: 3.37 µmol/l (*Daphnia magna*) (Growth rate)

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

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.

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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	-----	-----

SECTION 16: OTHER INFORMATION

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

Date of preparation: October 13, 2023

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

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapour.
- H226: flammable liquid and vapour.
- H280: Contains gas under pressure; may explode if heated.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H330: Fatal if inhaled.
- H331: Toxic if inhaled.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- H401: Toxic to aquatic life.

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- H411: Toxic to aquatic life with long lasting effects

Training advice: None.

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