



BLASTER RED GREASE SPRAY

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	BLASTER RED GREASE SPRAY
Product Code	16-RGS

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

Identified Use(s)	Lubricant
Uses Advised Against	None

Company Identification

Blaster LLC
8500 Sweet Valley Drive
44125 Valley View, Ohio - USA

Telephone

(216) 901-5800

Fax

(216) 901-5801

E-Mail (competent person)

www.blasterproducts.com

Emergency telephone number

Emergency Phone No.

Chemtrec (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Liquefied gas; 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.
May cause drowsiness or dizziness.
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.
Avoid breathing spray.
Use only outdoors or in a well-ventilated area.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards

Harmful to aquatic life.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. **	CAS No.	Hazard classification
Distillates (petroleum), hydrotreated heavy naphthenic	10-20	64742-52-5	Asp. Tox. 1; H304
Polybutene	0-0.1	9003-29-6	Not classified as dangerous for supply/use.
Hexane	10-20	110-54-3	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 STOT RE 2; H373
Propane	4-9	74-98-6	Flam. Gas 1; H220 Liquefied gas; H280
Butane	4-9	106-97-8	Flam. Gas 1; H220 Liquefied gas; H280
Methyl Acetate	27-35	79-20-9	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336

Additional Information -

** 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 eye irritation persists, get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Get medical attention immediately. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Aspiration of droplets may cause pulmonary oedema.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

Highly flammable vapor (flash point below 23°C).

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.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/eye protection.
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. Avoid breathing spray. Wash hands thoroughly after handling. Use product in a well-ventilated area only.
Conditions for safe storage, including any incompatibilities	
-Storage temperature	Keep in a cool, well ventilated place. Protect from sunlight. Store at temperatures not exceeding 50 °C / 122 °F. Keep container tightly closed. Store locked up.
-Incompatible materials	This product should be stored away from sources of strong heat , oxidizing chemicals, acids and oxygen.
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)	
Hexane	110-54-3	500 ppm	50 ppm*	-----	-----	*Skin
n-Butane	106-97-8	-----	250 ppm	-----	-----	-----
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method	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).



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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. 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-like
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
Explosive Limit Ranges	2.1% - 9.5% v/v (Propane)
Vapor pressure (Pascal)	ca. 95×10^4 (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	< 20.5 cSt @ 40°C
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	This product should be stored away from sources of strong heat , oxidizing chemicals, acids and oxygen.
Hazardous decomposition product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Substances in preparations / mixtures

Propane (CAS# 74-98-6):

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Acute toxicity
Irritation/Corrosivity
Sensitisation
Repeated dose 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 sensitiser.

Carcinogenicity
Mutagenicity
Reproductive toxicity

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

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)

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

Studies in animals have shown that repeated exposures produce adverse reproductive effects.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

Hexane (CAS# 110-54-3):

Short term

Short term

Long Term

Long Term

Persistence and degradability

Persistence and degradability

Bioaccumulative potential

Bioaccumulative potential

Mobility in soil

Mobility in soil

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

Other adverse effects

Other adverse effects

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.
Zinc compounds	----	~3

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: July 15,2024

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

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.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H373: May cause damage to organs through prolonged or repeated exposure.

Training advice: None.

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