



BLASTER GUNK M4814C

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 GUNK M4814C
Product Code	10-502224

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

Identified Use(s)	Automotive maintenance product
Uses Advised Against	None

Company Identification

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

Telephone

(216) 901-5800

Fax

(216) 901-5801

E-Mail (competent person)

www.blastercorp.com

Emergency telephone number**Emergency Phone No.**

Chemtrec (800) 424-9033

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Compressed dissolved gas; STOT SE 3; Skin Irrit. 2; Eye Irrit. 2

Label elements**Hazard Symbol****Signal word(s)**

DANGER

Hazard Statement(s)

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause drowsiness or dizziness.
Causes skin irritation. Causes serious eye irritation.

Precautionary Statement(s)**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Avoid breathing mist/vapors/spray.
Wear protective gloves/eye protection.
Wash hands and exposed skin thoroughly after handling.

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Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: 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.
Storage	Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F. Keep container closed. Store in a well-ventilated place. Store locked up.
Disposal	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Other hazards: Harmful to aquatic life.

Additional Information: Contains Ethylbenzene (CAS# 100-41-4) ~ < 2.3 %. A3 - Confirmed Animal Carcinogen (ACGIH). Studies in animals have shown that repeated exposures to ethylbenzene produce cancer. However, in similar animal studies, mixed xylenes containing up to 17% residual ethylbenzene did not result in cancer. As such, this product has not been classified as a carcinogen.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Acetone	> 85	67-64-1	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Xylene*	5 - 10	1330-20-7	Flam. Liq. 3; H226 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Asp. Tox. 1; H304 STOT SE 3; H335 Aquatic Acute 2; H401
Petroleum Distillate	10 - 20	64742-47-8	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411
Carbon dioxide	~ 5	124-38-9	Compressed dissolved gas

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.:

* Contains: Ethylbenzene (CAS No. 100-41-4) ~ ≤ 2.3%

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Skin Contact	Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing mist/vapors/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. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid breathing mist/vapors/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)

Automotive maintenance 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)	
Acetone	67-64-1	1000	250	-----	500	-----
Xylene	1330-20-7	100 ppm	100 ppm	-----	150 ppm	-----

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Ethylbenzene	100-41-4	100 ppm	20 ppm	-----	-----	A3
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	-----	30,000 ppm	#

A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans. #Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1300 (Ketones I); NIOSH 1501 (Hydrocarbons, Aromatic)

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. 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	Acetone-like
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	56 (Acetone)
Flash Point (°C)	-17 (Acetone)
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable aerosol.
Explosive Limit Ranges	2.5% - 12.8% v/v (Acetone)
Vapor pressure (Pascal)	2.4×10^4 (Acetone)
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	465 (Acetone)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity	<0.9 mm ² /s (Xylene)
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available

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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

Acetone (CAS No. 67-64-1)

Acute toxicity	Oral LD50 = 5800 mg/kg (rat) Dermal LD50 >15800 mg/kg (rabbit) Inhalation LC50 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.
Irritation / Corrosivity	Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Oral NOAEL = 900 mg/kg/day (rat) (90-days) Inhalation NOAEL ≥ 19,000 ppm (rat)
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

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

Mutagenicity	Negative
Toxicity for reproduction	Negative
Other information	None known.

Xylenes (CAS No.1330-20-7)

Acute toxicity	Oral LD50 = 3520 mg/kg (rat) Dermal LD50 >5000 mg/kg (rabbit) Inhalation LC50 = 27.6 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness. May cause respiratory irritation.
Irritation / Corrosivity	Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Oral NOAEL = 900 mg/kg/day (rat) (90-days) Inhalation NOAEL ≥ 19,000 ppm (rat)
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.*

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

Mutagenicity	Negative
Toxicity for reproduction	Negative

Other information: * Contains Ethylbenzene (CAS# 100-41-4) ~ < 1.45 %. A3 - Confirmed Animal Carcinogen (ACGIH). Group 2B - Possibly carcinogenic to humans (IARC). Studies in animals have shown that repeated exposures to ethylbenzene produce cancer. However, in similar animal studies, mixed xylenes containing up to 17% residual ethylbenzene did not result in cancer. As such, this product has not been classified as a carcinogen.

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Petroleum Distillate (CAS No. 64742-47-8) - By analogy with similar materials:

Acute toxicity (calculated / estimated)	Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-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	Oral: NOEAL 750 mg/kg Dermal: NOEAL 0.5 ml/kg bw Inhalation: NOAEL ≥1000 mg/m3										
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.										
<table><tr><th>NTP</th><th>IARC</th><th>ACGIH</th><th>OSHA</th><th>NIOSH</th></tr><tr><td>No.</td><td>No.</td><td>No.</td><td>No.</td><td>No.</td></tr></table>		NTP	IARC	ACGIH	OSHA	NIOSH	No.	No.	No.	No.	No.
NTP	IARC	ACGIH	OSHA	NIOSH							
No.	No.	No.	No.	No.							
Mutagenicity	Not to be expected										
Reproductive toxicity	Not to be expected										

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Acetone (CAS No. 67-64-1):

Short term

LC50 (96 hour): 5,540 mg/l (Rainbow Trout (*Oncorhynchus mykiss*))
LC50 (96 hour): 8,300 mg/l (Bluegill Sunfish (*Lepomis macrochirus*))
LC50 (48 hour(s)): 12,600 – 12,700 mg/l (*Daphnia magna*)
EC50 (14 d): 3,020 mg/l (Algae (*Chlorella pyrenoidosa*))
EC50 (15 min): 14,500 mg/l (Bacteria (*Photobacterium phosphoreum*))
Not available.

Long Term

Xylene (CAS No. 1330-20-7)

Acute toxicity

LC50 (96 hour) = 2.6 mg/l (*Oncorhynchus mykiss*)
IC50 (24 hour(s)) = 1 mg/l (*Daphnia magna*)
EC50 (73 hour(s)) = 1.9 mg/l (*Pseudokirchnerella subcapitata*)
NOEC (56 days) > 1.3 mg/l (*Oncorhynchus mykiss*)
NOEC (7 days) 1.17 mg/l (*Ceriodaphnia dubia*)
NOEC (73 hours) 1.9 mg/l (*Pseudokirchnerella subcapitata*)

Long Term Toxicity

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

The product has low potential for bioaccumulation.

Mobility in soil

The product has high mobility in soil.

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</u> <u>(IMDG)</u>	<u>Air transport</u> <u>(ICAO/IATA)</u>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable

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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)
Acetone	67-64-1	> 85	5000
Xylene	1330-20-7	5 - 10	100
Ethylbenzene	100-41-4	< 2.3	1000

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

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Xylene	1330-20-7	5 - 10
Ethylbenzene	100-41-4	< 2.3

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
Ethylbenzene	100-41-4	Cancer
Toluene*	108-88-3	Developmental, Female Reproductive
Benzene*	71-43-2	Cancer, Developmental (male)

*Trace to none.

SECTION 16: OTHER INFORMATION

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

Date of preparation: April 5,2024

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

Hazard Statement(s)

- H225: Highly flammable liquid and vapor.
- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H401: Toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.

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Training advice: None.

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