Gunk Non-Chlorinated Brake Parts Cleaner

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations
Issue date: 5/14/2026 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form	:	Mixture
Product name	:	Gunk Non-Chlorinated Brake Parts Cleaner
Product code	:	M717; M717/6
Vaporizer	:	Aerosol

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Intended for general public

Use of the substance/mixture	:	Brake cleaners
Restrictions on use	:	None known

1.4. Supplier's details

Blaster LLC
8500 Sweet Valley Drive
Valley View, OH 44125
USA
T (216) 901-5800 - F (216) 901-5801
www.blasterholdings.com

1.5. Emergency phone number

Emergency number	:	CHEMTREC 24 hr. 1-800-424-9300

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Aerosol 1	H222;H229	Extremely flammable aerosol. Pressurized container; may burst if heated.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H222 - Extremely flammable aerosol
H229 - Pressurized container; may burst if heated
H315 - Causes skin irritation

		H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness
Precautionary statements (GHS US)	:	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P261 - Avoid breathing dust, fume, gas, mist, vapors, spray. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, protective clothing, eye protection, and face protection. P302+P352 - If on skin: Wash with plenty of water. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a poison center or doctor if you feel unwell. P321 - Specific treatment (treat symptomatically). P332+P313 - If skin irritation occurs: Get medical advice or attention. P337+P313 - If eye irritation persists: Get medical advice or attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C). P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	wt%	GHS US classification
acetone	CAS-No.: 67-64-1	≥ 75	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Carbon dioxide (Propellant gas (Aerosol))	CAS-No.: 124-38-9	10 – 15	Not classified
Heptane, branched, cyclic and linear	CAS-No.: 426260-76-6	5 – < 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

The product is an aerosol. The components' disclosure has been adjusted to no longer include the propellant.
Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after 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.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurized container: may burst if heated.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel. Stop leak if safe to do so.
Environmental precautions	:	Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	:	Mechanically recover the product.
Other information	:	Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	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. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	:	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	:	Keep in a cool, well-ventilated place away from heat.
Storage conditions	:	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Packaging materials	:	Always store product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

acetone (67-64-1)	
USA - ACGIH® - Threshold Limit Values	
Local name	Acetone
ACGIH® TLV® TWA	250 ppm
ACGIH® TLV® STEL	500 ppm
Remark (ACGIH®)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2024
USA - ACGIH® - Biological Exposure Indices	
Local name	Acetone
BEI	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift - Notations: Ns
Regulatory reference	ACGIH 2024

acetone (67-64-1)	
USA - OSHA - Occupational Exposure Limits	
Local name	Acetone
OSHA PEL TWA	2400 mg/m³
	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Heptane, branched, cyclic and linear (426260-76-6)	
USA - ACGIH® - Threshold Limit Values	
Local name	Heptane, Straight and branced isomers
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	400 ppm
USA - OSHA - Occupational Exposure Limits	
Local name	n-Heptane
OSHA PEL TWA	2000 mg/m³
	500 ppm

Carbon dioxide (124-38-9)	
USA - ACGIH® - Threshold Limit Values	
Local name	Carbon dioxide
ACGIH® TLV® TWA	5000 ppm
ACGIH® TLV® STEL	30000 ppm
Remark (ACGIH®)	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Carbon dioxide
OSHA PEL TWA	9000 mg/m³
	5000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:				
Wear protective gloves				
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**
Disposable gloves	butyl rubber, Neoprene rubber (HNBR), Nitrile rubber (NBR)	Check with protective equipment manufacturer's data.		

Eye protection:		
Wear eye protection		
Type	**Field of application**	**Characteristics**
Safety glasses	Dust	Clear

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Aerosols.
Color	:	Clear
Odor	:	No data available
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Flammability (solid, gas)	:	Extremely flammable aerosol.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Explosion limits	:	No data available
Explosive properties	:	Pressurized container: may burst if heated.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

Likely routes of exposure : Inhalation. Skin and eye contact.

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Not to be expected)
Acute toxicity (dermal) : Not classified (Not to be expected)
Acute toxicity (inhalation) : Not classified (Not to be expected)

acetone (67-64-1)	
LD50 oral rat	5800 mg/kg (Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 15800 mg/kg body weight (24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	132 mg/l (3 h, Rat, Male, Experimental value, Inhalation (vapours))
LC50 Inhalation - Rat (Vapors)	76 mg/l Source: ECHA

Heptane, branched, cyclic and linear (426260-76-6)	
LD50 oral rat	> 5840 mg/kg Read-across
LD50 dermal rat	2800 – 3100 mg/kg body weight Animal: rat
LC50 Inhalation - Rat	> 23.3 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation : Causes skin irritation.

acetone (67-64-1)	
Weight of evidence, Guinea pig	Not irritating to skin Weight of evidence

Heptane, branched, cyclic and linear (426260-76-6)	
Read-across, rabbit	Causes skin irritation (OECD 404 method)

Serious eye damage/irritation : Causes serious eye irritation.

acetone (67-64-1)	
Weight of evidence, rabbit	Causes eye irritation (OECD 405 method)

Heptane, branched, cyclic and linear (426260-76-6)	
Read-across, rabbit	Not irritating to eyes EPA OPPTS 870.2400

Respiratory or skin sensitization : Not classified (Not to be expected)

Heptane, branched, cyclic and linear (426260-76-6)	
Read-across, Guinea pig	Not expected to be a skin sensitizer (OECD 406 method)

Germ cell mutagenicity : Not classified (Not to be expected)

acetone (67-64-1)	
Result, In vitro	Classification criteria are not met (OECD 471 method), (OECD 473 method), (OECD 476 method)

Heptane, branched, cyclic and linear (426260-76-6)	
Read-across, In vitro	Classification criteria are not met (OECD 471 method), (OECD 473 method), (OECD 476 method)
Read-across, In vivo	Classification criteria are not met (OECD 478 method)

Carcinogenicity : Not classified (Not to be expected)

acetone (67-64-1)	
2-Yr Cancer Study, Dermal, mouse (equivalent or similar to)	No evidence of excess carcinogenicity

Reproductive toxicity : Not classified (Not to be expected)

acetone (67-64-1)	
LOAEL (animal/female, F0/P)	11298 mg/kg body weight Animal: mouse, Animal sex: female
NOAEL (animal/male, F0/P)	900 mg/kg body weight Animal: rat, Animal sex: male

Heptane, branched, cyclic and linear (426260-76-6)	
Read-across, oral, rat (OECD 414 method)	No significant developmental effects observed.
Read-across, Inhalation, rat Weight of evidence	No significant reproductive effects observed.

STOT-single exposure : May cause drowsiness or dizziness.

acetone (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.

Heptane, branched, cyclic and linear (426260-76-6)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Not to be expected)

Heptane, branched, cyclic and linear (426260-76-6)	
LOAEC (inhalation,rat,vapor,90 days)	16.6 mg/l air Animal: rat, Animal sex: male
NOAEC (inhalation,rat,vapor,90 days)	3.3 mg/l air Animal: rat, Animal sex: male

Aspiration hazard : Not classified (Not to be expected)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified (Not to be expected).

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Not to be expected).

acetone (67-64-1)	
LC50 - Fish [1]	6210 – 8120 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Measured concentration)

acetone (67-64-1)	
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Heptane, branched, cyclic and linear (426260-76-6)	
LC50 - Fish [1]	13.4 mg/l (96 hr; Oncorhynchus mykiss; OECD Guideline 203)
EC50 - Crustacea [1]	4.6 – 10 mg/l Read-across; WAF; Daphnia magna
EC50 72h - Algae [1]	29 mg/l Read-across; WAF; Raphidocelis subcapitata
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic crustacea	0.17 mg/l Read-across; WAF; Daphnia magna; OECD Guideline 211
NOEC chronic algae	3 mg/l Read-across; WAF; Raphidocelis subcapitata; OECD Guideline 201

Carbon dioxide (124-38-9)	
LC50 - Fish [1]	35 mg/l Source: HSDB

12.2. Persistence and degradability

M710 HIGH PRESSURE	
Persistence and degradability	Not rapidly degradable

acetone (67-64-1)	
Persistence and degradability	Biodegradable in the soil, Biodegradable in the soil under anaerobic conditions, Readily biodegradable in water.

Heptane, branched, cyclic and linear (426260-76-6)	
Persistence and degradability	Rapidly degradable

Carbon dioxide (124-38-9)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

acetone (67-64-1)	
BCF - Fish [1]	0.69 (Pisces, Literature study)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

Ecological waste information : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
UN1950	1950	1950
14.2. Proper Shipping Name		
Aerosols, flammable, n.o.s.	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)		
2.1	2.1	2.1
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN1950
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : Forbidden
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

IMDG

Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0

IATA

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA max net quantity (IATA) : 75kg

SECTION 15 Regulatory information

15.1. Federal regulations

Gunk Non-Chlorinated Brake Parts Cleaner	
SARA Section 311/312 Hazard Classes	Refer to SECTION 2 - HAZARDS IDENTIFICATION

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

acetone (67-64-1)	
CERCLA RQ	5000 lb

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other information

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations
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Full text of hazard classes and H-statements	
Aerosol 1	Aerosol, Category 1
Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapor
H229	Pressurized container; may burst 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

Full text of hazard classes and H-statements	
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.