CRC® Brakleen® Brake Parts Cleaner Non-Flammable, 19 Wt Oz

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 4/20/2026 Version: 1.0

SECTION 1: Identification

1.1. Identification

Trade name	:	CRC® Brakleen® Brake Parts Cleaner Non-Flammable, 19 Wt Oz
Product code	:	1758228
Part number	:	05098

1.2. Recommended use and restrictions on use

Recommended use	:	Brake Parts Cleaner
Restrictions on use	:	None known

1.3. Supplier

Manufactured or sold by:
CRC Industries, Inc.
885 Louis Dr.
Warminster, PA 18974
United States
T 1-800-556-5074
crcindustries.com

1.4. Emergency telephone number

Emergency number	:	1-800-424-9300 24-Hour Emergency

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Aerosol, Category 3	Pressurized container: may burst if heated.
Skin corrosion/irritation, Category 2	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	Causes serious eye irritation.
Carcinogenicity, Category 2	Suspected of causing cancer.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	May cause drowsiness or dizziness.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US)	:	Warning
Hazard statements (GHS US)	:	Pressurized container: may burst if heated Causes skin irritation Causes serious eye irritation May cause drowsiness or dizziness Suspected of causing cancer.
Precautionary statements (GHS US)	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not pierce or burn, even after use.
Exposure to high temperature may cause can to burst.
Avoid breathing vapors, spray, mist.
Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area.
Wear protective gloves, protective clothing, eye and face protection.
Wash hands thoroughly after handling.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison center or doctor if you feel unwell.
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 or attention.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
If exposed or concerned: Get medical advice/attention.
Store locked up.
Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).
Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
4-Chlorotrifluorotoluene	1-Chloro-4-(trifluoromethyl)benzene	CAS-No.: 98-56-6	80 – 100
Carbon dioxide	CO2	CAS-No.: 124-38-9	5 – 10
trans-1-Chloro-3,3,3-trifluoropropene	(1E)-1-chloro-3,3,3-trifluoroprop-1-ene	CAS-No.: 102687-65-0	3 – 7

Comments : Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

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

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Symptoms/effects after ingestion : May cause mild irritation to the digestive tract.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog. 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 : Not flammable.

Explosion hazard : Pressurized container may rupture when exposed to heat or flame.

Reactivity in case of fire : When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.

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

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.1.1. For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing vapors, spray, mist.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	:	Stop leak, if possible without risk. Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	:	Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Notify authorities if product enters sewers or public waters.
Additional Regulatory Information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Exposure to high temperature may cause can to burst. Prevent the build-up of electrostatic charge. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not use if spray button is missing or defective. Avoid contact with skin and eyes. Avoid breathing vapors, spray, mist. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear personal protective equipment. For product usage instructions, see the product label.
Hygiene measures	:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Level 1 Aerosol. Store locked up. Store in a well-ventilated place. Keep in fireproof place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	800 ppm

Carbon dioxide (124-38-9)	
USA - ACGIH® - Threshold Limit Values	
Local name	Carbon dioxide
ACGIH® TLV® TWA	9000 mg/m³
	5000 ppm
ACGIH® TLV® STEL	54000 mg/m³
	30000 ppm
Remark (ACGIH®)	TLV® Basis: Asphyxia
Regulatory reference	ACGIH 2025
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
USA - NIOSH - Occupational Exposure Limits	
Local name	Carbon dioxide
NIOSH REL 10h TWA	5000 ppm
NIOSH REL STEL	30000 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation. Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Wear protective gloves such as: Nitrile. Fluoroelastomer (FKM). Polyvinylalcohol (PVA)

Eye protection:
Wear safety glasses with side shields (or goggles).

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	Colorless
Odor	:	Aromatic
Odor threshold	:	No data available
Melting point	:	No data available
Freezing point	:	-27.04 °F (-32.8 °C) estimated
Boiling point	:	261.48 °F (127.49 °C) estimated
Flammability (solid, gas)	:	Not applicable.
Explosion limits	:	No data available
Flash point	:	None (Setaflash)
Auto-ignition temperature	:	> 932 °F (> 500 °C) estimated
Decomposition temperature	:	No data available
pH	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Solubility	:	Water: Insoluble
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Vapor pressure	:	No data available
Evaporation rate	:	Fast
Density and/or relative density		
Density	:	11.16 lb/gal
Relative density	:	1.34
Relative vapor density at 20°C	:	No data available
Particle characteristics	:	No data available
Molecular mass	:	No data available
Explosive properties	:	Pressurized container: may burst if heated.
Oxidizing properties	:	No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Pressurized container: may burst if heated.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. When exposed to extreme heat or hot surfaces, vapors may decompose to toxic gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2). Hydrogen chloride. Halogenated compounds. Hydrogen fluoride. Phosgene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Symptoms/effects	:	May cause drowsiness or dizziness.
Symptoms/effects after inhalation	:	Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	:	Causes skin irritation.
Symptoms/effects after eye contact	:	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Symptoms/effects after ingestion	:	May cause mild irritation to the digestive tract.
Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

4-Chlorotrifluorotoluene (98-56-6)	
LD50 oral rat	> 13000 mg/kg Source: International Uniform ChemicaL Information Database
LD50 dermal rabbit	> 2 mg/kg Source: International Uniform ChemicaL Information Database
LC50 Inhalation - Rat	> 32.03 mg/l air Animal: rat, Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Vapors)	33 mg/l Source: International Uniform ChemicaL Information Database

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)	
LC50 Inhalation - Rat [ppm]	120000 ppm Source: ECHA

Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye irritation.
Respiratory or skin sensitization	:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Suspected of causing cancer.
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	May cause drowsiness or dizziness.

4-Chlorotrifluorotoluene (98-56-6)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

4-Chlorotrifluorotoluene (98-56-6)	
LOAEL (oral,rat,90 days)	150 mg/kg body weight Animal: rat
NOAEL (oral,rat,90 days)	40 mg/kg body weight Animal: rat, Animal sex: male

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)	
LOAEC (inhalation,rat,gas,90 days)	4000 ppm Animal: rat, Animal sex: male, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

Viscosity, kinematic : No data available

SECTION 12: Ecological information

12.1. Toxicity

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

4-Chlorotrifluorotoluene (98-56-6)	
LC50 - Fish [1]	11.5 – 15.8 mg/l Source: IUCLID
EC50 - Crustacea [1]	3.68 mg/l Source: International Uniform ChemicaL Information Database
EC50 72h - Algae [1]	> 0.41 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)	
LC50 - Fish [1]	38 mg/l Source: ECHA
EC50 - Crustacea [1]	82 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 215 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

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

12.2. Persistence and degradability

CRC® Brakleen® Brake Parts Cleaner Non-Flammable, 19 Wt Oz	
Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential

4-Chlorotrifluorotoluene (98-56-6)	
Partition coefficient n-octanol/water (Log Pow)	3.7 Source: International Uniform ChemicaL Information Database

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)	
Partition coefficient n-octanol/water (Log Pow)	2.2 Source: ECHA

Carbon dioxide (124-38-9)	
Partition coefficient n-octanol/water (Log Pow)	0.83 Source: ISCS

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

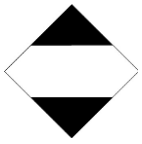
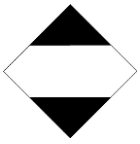
SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	:	Dispose of contents/container in accordance with local/regional/national regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Do not allow to enter sewers, surface or groundwater.
Product/Packaging disposal recommendations	:	Full or partially-full aerosol cans can be treated as universal waste. Empty container can be recycled. Do not pierce or burn, even after use. Container under pressure. Do not drill or burn even after use.
Hazardous waste code	:	Possible RCRA waste code includes: F001: Waste Halogenated Solvent - Spent Halogenated Solvent Used in Degreasing F002: Waste Halogenated Solvent - Spent Halogenated Solvent However, it is the generator's responsibility to determine the proper classification and disposal method at the time of disposal.
Additional information	:	Do not re-use empty containers. Contents under pressure.

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 Limited quantity	AEROSOLS Limited quantity	Aerosols, non-flammable Limited quantity
14.3. Transport hazard class(es)		
LTD QTY	LTD QTY	LTD QTY
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
No		

14.6. Special precautions for user

DOT

Class (DOT)	:	2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
UN-No. (DOT)	:	UN1950
DOT Packaging Exceptions (49 CFR 173.xxx)	:	306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	150 kg
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other	:	25 - Shade from radiant heat,87 - Stow ‘‘separated from’’ Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

IMDG

Class (IMDG)	:	2.2 - Non-flammable, non-toxic gases
Special provision (IMDG)	:	63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG)	:	SP277
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P207, LP200
Packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage)	:	S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG)	:	None
Stowage and handling (IMDG)	:	SW1, SW22
Segregation (IMDG)	:	SG69

IATA

Class (IATA)	:	2.2 - Gases : Non-flammable, Non-toxic
PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Y203
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	203
PCA max net quantity (IATA)	:	75kg
CAO packing instructions (IATA)	:	203
CAO max net quantity (IATA)	:	150kg
Special provision (IATA)	:	A98, A145, A167, A802
ERG code (IATA)	:	2L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Toxic Substances Control Act (TSCA)

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

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance

CERCLA Section 103 (40CFR302.4)	Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.
CERCLA RQ	None listed

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)

Section 302 Extremely Hazardous Substance

Not listed

Section 304 Emergency Release Notification

Not listed

Sections 311/312 Hazard Classification

CRC® Brakleen® Brake Parts Cleaner Non-Flammable, 19 Wt Oz	
SARA Section 311/312 Hazard Classes	Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure)

Section 313 (TRI Reporting)

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.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65

WARNING: This product can expose you to 4-chlorotrifluorotoluene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

U.S. - California - Proposition 65 - Carcinogens List	
4-Chlorotrifluorotoluene (98-56-6)	LISTED

State Regulations

Component	State Regulations
Carbon dioxide(124-38-9)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

15.4 Other Regulatory Information

Volatile organic compound (VOC) regulation

(EPA)

VOC content (40 CFR 51.100(s))	0 %
Consumer products (40 CFR 59, Subpt. C))	Not regulated.

State

Consumer products	This product is regulated as a Brake Cleaner. This product is compliant for use in all 50 states.
VOC Content (CA)	6.94 %
VOC Content (OTC)	0 %

SECTION 16: Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Author : Joshua Weir

Other information : CRC # 1758229.

Safety Data Sheet (SDS), USA, CRC

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries Inc.