



# SAFETY DATA SHEET

## 1. Identification

|   |   |
|---|---|
| <b>Product identifier</b>                                     | <b>Brakleen® Brake Parts Cleaner Pro Series Non-Flammable - 822 g</b> |
| <b>Other means of identification</b>                          |   |
| <b>Product Code</b>   | No. 75089PS (Item# 1008014)   |
| <b>Recommended use</b>  | Brake parts cleaner   |
| <b>Recommended restrictions</b>                               | None known.   |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |
| <b>Manufactured or sold by:</b>                               |   |
| <b>Company name</b>   | CRC Canada Co.  |
| <b>Address</b>  | 83 Galaxy Blvd<br>Unit 35 - 37<br>Toronto, ON M9W 5X6<br>Canada       |
| <b>Telephone</b>  |   |
| <b>General Information</b>                                    | 416-847-7750  |
| <b>Technical Assistance</b>                                   | 800-556-5074  |
| <b>24-Hour Emergency (CHEMTREC)</b>                           | 800-424-9300 (Canada)   |
| <b>Website</b>  | crcindustries.ca  |

## 2. Hazard identification

|                              |  |                             |
|------------------------------|--|-----------------------------|
| <b>Physical hazards</b>      | Gases under pressure                                   | Compressed gas              |
| <b>Health hazards</b>        | Skin corrosion/irritation                              | Category 2                  |
|                              | Serious eye damage/eye irritation                      | Category 2B                 |
|                              | Sensitization, skin                                    | Category 1B                 |
|                              | Carcinogenicity  | Category 1B                 |
|                              | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, long-term hazard | Category 2                  |

### Label elements



|                                |  |
|--------------------------------|--|
| <b>Signal word</b>             | Danger   |
| <b>Hazard statement</b>        | Contains gas under pressure; may explode if heated. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. May cause drowsiness or dizziness. May cause cancer.   |
| <b>Precautionary statement</b> |  |
| <b>Prevention</b>              | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.   |
| <b>Response</b>                | IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/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/attention. IF exposed or concerned: Get medical advice/attention. |
| <b>Storage</b>                 | Store locked up. Protect from sunlight. Store in a well-ventilated place.  |

|                                 |   |
|---------------------------------|---|
| <b>Disposal</b>                 | Dispose of contents/container in accordance with local/regional/national/international regulations.   |
| <b>Supplemental information</b> | When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. |
| <b>Other hazards</b>            | None known.   |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name       | Common name and synonyms | CAS number | %        |
|---------------------|--------------------------|------------|----------|
| tetrachloroethylene | perchloroethylene        | 127-18-4   | 80 - 100 |
| carbon dioxide      |                          | 124-38-9   | 1 - 5    |

The exact percentage (concentration) of composition has been withheld as a trade secret.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  |
| <b>Skin contact</b>   | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.  |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.  |
| <b>Ingestion</b>  | Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately. Do not induce vomiting without advice from poison control center.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.   |
| <b>General information</b>  | IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.   |

### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Dry chemical, CO <sub>2</sub> , or water spray.   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.  |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.  |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.  |
| <b>General fire hazards</b>  | Contents under pressure. Pressurized container may rupture when exposed to heat or flame.   |

### 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. |
| <b>Methods and materials for containment and cleaning up</b>               | Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers.   |

**Environmental precautions**

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

**7. Handling and storage****Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. 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. Use only in well-ventilated areas. Avoid breathing mist or vapor. Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Level 1 Aerosol.

Contents under pressure. Do not expose to heat or store at temperatures above 120 °F/49 °C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place.

**8. Exposure controls/personal protection****Occupational exposure limits****US. ACGIH Threshold Limit Values Components**

| Components                         | Type | Value     |
|------------------------------------|------|-----------|
| carbon dioxide (CAS 124-38-9)      | STEL | 30000 ppm |
|                                    | TWA  | 5000 ppm  |
| tetrachloroethylene (CAS 127-18-4) | STEL | 100 ppm   |
|                                    | TWA  | 25 ppm    |

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

| Components                         | Type | Value       |
|------------------------------------|------|-------------|
| carbon dioxide (CAS 124-38-9)      | STEL | 54000 mg/m3 |
|                                    |      | 30000 ppm   |
|                                    | TWA  | 9000 mg/m3  |
| tetrachloroethylene (CAS 127-18-4) |      | 5000 ppm    |
|                                    | STEL | 678 mg/m3   |
|                                    | TWA  | 100 ppm     |
|                                    |      | 170 mg/m3   |
|                                    |      | 25 ppm      |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components                         | Type | Value     |
|------------------------------------|------|-----------|
| carbon dioxide (CAS 124-38-9)      | STEL | 15000 ppm |
|                                    | TWA  | 5000 ppm  |
| tetrachloroethylene (CAS 127-18-4) | STEL | 100 ppm   |
|                                    | TWA  | 25 ppm    |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components                    | Type | Value     |
|-------------------------------|------|-----------|
| carbon dioxide (CAS 124-38-9) | STEL | 30000 ppm |
|                               | TWA  | 5000 ppm  |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components                         | Type | Value   |
|------------------------------------|------|---------|
| tetrachloroethylene (CAS 127-18-4) | STEL | 100 ppm |
|                                    | TWA  | 25 ppm  |

**Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)**

| Components                         | Type | Value       |
|------------------------------------|------|-------------|
| carbon dioxide (CAS 124-38-9)      | STEL | 54000 mg/m3 |
|                                    |      | 30000 ppm   |
|                                    | TWA  | 9000 mg/m3  |
| tetrachloroethylene (CAS 127-18-4) | STEL | 5000 ppm    |
|                                    |      | 685 mg/m3   |
|                                    | TWA  | 100 ppm     |
|                                    |      | 170 mg/m3   |
|                                    |      | 25 ppm      |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

| Components                         | Type | Value     |
|------------------------------------|------|-----------|
| carbon dioxide (CAS 124-38-9)      | STEL | 30000 ppm |
|                                    | TWA  | 5000 ppm  |
| tetrachloroethylene (CAS 127-18-4) | STEL | 100 ppm   |
|                                    | TWA  | 25 ppm    |

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

| Components                         | Type | Value       |
|------------------------------------|------|-------------|
| carbon dioxide (CAS 124-38-9)      | STEL | 54000 mg/m3 |
|                                    |      | 30000 ppm   |
|                                    | TWA  | 9000 mg/m3  |
| tetrachloroethylene (CAS 127-18-4) | STEL | 5000 ppm    |
|                                    |      | 685 mg/m3   |
|                                    | TWA  | 100 ppm     |
|                                    |      | 170 mg/m3   |
|                                    |      | 25 ppm      |

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)**

| Components                         | Type      | Value     |
|------------------------------------|-----------|-----------|
| carbon dioxide (CAS 124-38-9)      | 15 minute | 30000 ppm |
|                                    | 8 hour    | 5000 ppm  |
| tetrachloroethylene (CAS 127-18-4) | 15 minute | 100 ppm   |
|                                    | 8 hour    | 25 ppm    |

**Biological limit values****ACGIH Biological Exposure Indices**

| Components                         | Value    | Determinant         | Specimen | Sampling Time |
|------------------------------------|----------|---------------------|----------|---------------|
| tetrachloroethylene (CAS 127-18-4) | 0.5 mg/l | Tetrachloroethylene | Blood    | *             |

**ACGIH Biological Exposure Indices**

| Components | Value | Determinant         | Specimen        | Sampling Time |
|------------|-------|---------------------|-----------------|---------------|
|            | 3 ppm | Tetrachloroethylene | End-exhaled air | *             |

\* - For sampling details, please see the source document.

**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear protective gloves such as: Nitrile. Polyvinyl alcohol (PVA).

**Other** Wear appropriate chemical resistant 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.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

When using do not smoke. 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.

**9. Physical and chemical properties**

|   |                               |
|---|-------------------------------|
| <b>Physical state</b>   | Liquid.                       |
| <b>Color</b>  | Colorless.                    |
| <b>Odor</b>   | Irritating.                   |
| <b>Melting point and freezing point</b>                         | -8.1 °F (-22.3 °C) estimated  |
| <b>Boiling point or initial boiling point and boiling range</b> | 250.3 °F (121.3 °C) estimated |
| <b>Flammability</b>   | Not available.                |
| <b>Lower and upper explosive limits</b>                         |                               |
| <b>Explosive limit - lower (%)</b>                              | Not available.                |
| <b>Explosive limit - upper (%)</b>                              | Not available.                |
| <b>Flash point</b>  | None.                         |
| <b>Auto-ignition temperature</b>                                | Not available.                |
| <b>Decomposition temperature</b>                                | Not available.                |
| <b>pH</b>   | Not available.                |
| <b>Kinematic viscosity</b>                                      | Not available.                |
| <b>Solubility(ies)</b>  |                               |
| <b>Solubility (water)</b>                                       | 0.02 % (77 °F (25 °C))        |
| <b>Partition coefficient (n-octanol/water) (log value)</b>      | Not available.                |
| <b>Vapor pressure</b>   | 2635.5 hPa estimated          |
| <b>Density and relative density</b>                             | 1.62                          |
| <b>Relative vapor density</b>                                   | 5.76 (air = 1)                |
| <b>Particle characteristics</b>                                 | Not available.                |
| <b>Other information</b>  |                               |
| <b>Partition coefficient (oil/water)</b>                        | 2.88                          |
| <b>VOC</b>  | 0 %                           |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.   |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.   |
| <b>Conditions to avoid</b>                | Heat, flames and sparks. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Strong acids. Strong bases.  |
| <b>Hazardous decomposition products</b>   | Hydrogen chloride. Trace amounts of chlorine and phosgene. Carbon oxides. Halogenated materials. Carbonyl halides.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause drowsiness and dizziness. Headache. Nausea, vomiting.  |
| <b>Skin contact</b> | Causes skin irritation. May cause an allergic skin reaction.   |
| <b>Eye contact</b>  | Causes eye irritation.   |
| <b>Ingestion</b>    | Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea. |

**Symptoms related to the physical, chemical and toxicological characteristics** May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

**Acute toxicity** Not known.

| Product  | Species | Test Results       |
|--|---------|--------------------|
| Brakleen® Brake Parts Cleaner Pro Series Non-Flammable - 822 g |         |                    |
| <b>Acute</b>   |         |                    |
| <b>Dermal</b>  |         |                    |
| LD50   | Rabbit  | 13221 mg/kg        |
| <b>Inhalation</b>  |         |                    |
| LC50   | Rat     | 16792 ppm, 6 Hours |
| <b>Oral</b>  |         |                    |
| LD50   | Rat     | 3375 mg/kg         |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes eye irritation.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** May cause cancer.

### ACGIH Carcinogens

tetrachloroethylene (CAS 127-18-4) A3 Confirmed animal carcinogen with unknown relevance to humans.

### Canada - Manitoba OELs: carcinogenicity

tetrachloroethylene (CAS 127-18-4) Confirmed animal carcinogen with unknown relevance to humans.

### Canada - Quebec OELs: Carcinogen category

tetrachloroethylene (CAS 127-18-4) Detected carcinogenic effect in animals.

### IARC Monographs. Overall Evaluation of Carcinogenicity

tetrachloroethylene (CAS 127-18-4) 2A Probably carcinogenic to humans.

## US. National Toxicology Program (NTP) Report on Carcinogens

tetrachloroethylene (CAS 127-18-4)

Reasonably Anticipated to be a Human Carcinogen.

|   |  |
|---|--|
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects. |
| <b>Specific target organ toxicity - single exposure</b>   | May cause drowsiness and dizziness.  |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.  |
| <b>Aspiration hazard</b>                                  | Not an aspiration hazard.  |
| <b>Chronic effects</b>                                    | Prolonged exposure may cause chronic effects.                                |

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## 12. Ecological information

|   |   |
|---|---|
| <b>Ecotoxicity</b>  | Toxic to aquatic life with long lasting effects.  |
| <b>Persistence and degradability</b>  | No data is available on the degradability of this product.  |
| <b>Bioaccumulative potential</b>  | No data available.  |
| <b>Partition coefficient n-octanol / water (log Kow)</b><br>tetrachloroethylene | 2.53  |
| <b>Mobility in soil</b>   | No data available.  |
| <b>Other adverse effects</b>  | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

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## 13. Disposal considerations

|  |   |
|--|---|
| <b>Disposal instructions</b>                 | Contents under pressure. Empty container can be recycled. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.  |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                      |

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## 14. Transport information

### TDG

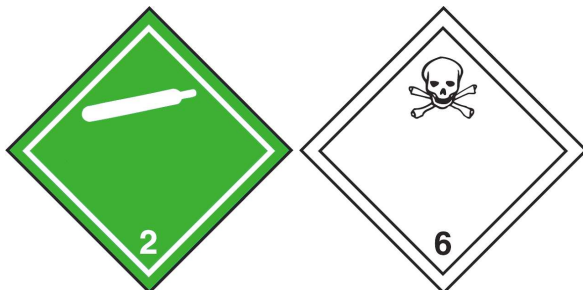
|                                     |  |
|-------------------------------------|--|
| <b>UN number</b>                    | UN1950   |
| <b>UN proper shipping name</b>      | AEROSOLS, non-flammable, containing substances in Class 6.1, packing group III |
| <b>Transport hazard class(es)</b>   |  |
| <b>Class</b>                        | 2.2  |
| <b>Subsidiary risk</b>              | 6.1  |
| <b>Packing group</b>                | Not assigned.  |
| <b>Environmental hazards</b>        | Yes, but exempt from the regulations.  |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling.        |

### IATA

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 2.2   |
| <b>Subsidiary risk</b>              | 6.1   |
| <b>Packing group</b>                | -   |
| <b>ERG Code</b>                     | 2P  |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling.           |
| <b>Other information</b>            |   |
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions.  |
| <b>Cargo aircraft only</b>          | Allowed with restrictions.  |

### IMDG

|                                |          |
|--------------------------------|----------|
| <b>UN number</b>               | UN1950   |
| <b>UN proper shipping name</b> | AEROSOLS |

**Transport hazard class(es)****Class** 2.2**Subsidiary risk** 6.1**Packing group** -**Environmental hazards****Marine pollutant** Yes, but exempt from the regulations.**EmS** F-C, S-U**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**IATA; IMDG; TDG****15. Regulatory information****Canadian regulations**Volatile Organic Compound Concentration Limits for Certain Products Regulations: SOR/2021-268  
Product Category: Automotive brake cleaner**Canada. Excluded VOCs. Guidelines for Volatile Organic Compounds in Consumer Products. CEPA 1999. Environment Canada, as amended**

tetrachloroethylene (CAS 127-18-4)

**Controlled Drugs and Substances Act**

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

carbon dioxide (CAS 124-38-9)

**Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)**

tetrachloroethylene (CAS 127-18-4)

**Precursor Control Regulations**

Not regulated.

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

carbon dioxide (CAS 124-38-9)

Listed.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories****Country(s) or region****Inventory name****On inventory (yes/no)\***

|           |  |     |
|-----------|--|-----|
| Australia | Australian Inventory of Industrial Chemicals (AICIS)                   | No  |
| Canada    | Domestic Substances List (DSL)   | Yes |
| Canada    | Non-Domestic Substances List (NDSL)                                    | No  |
| China     | Inventory of Existing Chemical Substances in China (IECSC)             | Yes |
| Europe    | European Inventory of Existing Commercial Chemical Substances (EINECS) | No  |
| Europe    | European List of Notified Chemical Substances (ELINCS)                 | No  |



| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)          | No                     |
| Korea                       | Existing Chemicals List (ECL)                                     | Yes                    |
| New Zealand                 | New Zealand Inventory   | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes                    |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                        | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                     | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

|                             |  |
|-----------------------------|--|
| <b>Issue date</b>           | 04-09-2024   |
| <b>Version #</b>            | 01   |
| <b>Further information</b>  | CRC # 491G/1002481   |
| <b>Disclaimer</b>           | 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 Canada Co.. |
| <b>Revision information</b> | Toxicological Information: Toxicological Data<br>Ecological Information: Ecotoxicity   |