



CRC® Glass Cleaner, 510 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-05-21 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name : CRC® Glass Cleaner, 510 g
Product code : 1004837
Part number : 14100

1.2. Recommended use and restrictions on use

Recommended use : Glass cleaner
Restrictions on use : None known

1.3. Supplier

Manufactured or sold by:

CRC Canada Co.
83 Galaxy Blvd.
Unit 35 - 37
Toronto, ON M9W 5X6
Canada
T 416-847-7750
crcindustries.ca

1.4. Emergency telephone number

Emergency number : 800-424-9300 (CHEMTREC)
24-Hour Emergency

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

| | |
|--|--|
| Aerosol, Category 3 | Pressurized container; may burst if heated. |
| Hazardous to the aquatic environment, Acute Hazard, Category 3 | Harmful to aquatic life. |
| Hazardous to the aquatic environment, Chronic Hazard, Category 3 | Harmful to aquatic life with long lasting effects. |

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

| | |
|-----------------------------------|--|
| Signal word (GHS CA) | : Warning |
| Hazard statements (GHS CA) | : Pressurized container; may burst if heated |
| Precautionary statements (GHS CA) | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Wash hands thoroughly after handling. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container in accordance with local/regional/national regulations. |

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No additional information available

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % |
|---|---------------------------------|---------------------|----------|
| Water | - | CAS-No.: 7732-18-5 | 80 – 100 |
| Petroleum gases, liquefied, sweetened | - | CAS-No.: 68476-86-8 | 3 – 7 |
| 2-butoxyethanol | Ethylene glycol monobutyl ether | CAS-No.: 111-76-2 | 1 – 5 |
| Ethanol | ethanol, ethyl alcohol | CAS-No.: 64-17-5 | 1 – 5 |
| Ammonium hydroxide ((NH ₄)(OH)) | Ammonium hydroxide | CAS-No.: 1336-21-6 | 0.1 – 1 |

Comments : 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.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. 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.

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.

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

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Unsuitable extinguishing media

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

5.3. Specific hazards arising from the hazardous product

Fire hazard : Propellant is flammable.

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

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

5.4. 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.

Personal Precautions, Protective Equipment and Emergency Procedures : Self-contained breathing apparatus.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak, if possible without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage.

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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. Exposure to high temperature may cause can to burst. Do not use if spray button is missing or defective. 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 : Do not eat, drink or smoke when using this product. 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Level 1 Aerosol. Store in a well-ventilated 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

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| | |
|--|--|
| Petroleum gases, liquefied, sweetened (68476-86-8) | |
| Canada (Alberta) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL TWA | 1000 ppm |
| Regulatory reference | Alberta Regulation 191/2021 |
| Canada (Quebec) - Occupational Exposure Limits | |
| Local name | Butane |
| VEMP (OEL TWAEV) | 1900 mg/m ³ 800 ppm |
| Regulatory reference | S-2.1, r. 13 - Regulation respecting occupational health and safety |
| Canada (British Columbia) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL STEL | 1000 ppm |
| Notations and remarks | Simple asphyxiant. EX (the substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit) |
| Regulatory reference | OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC) |
| Canada (Manitoba) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL STEL | 1000 ppm (EX - Explosion hazard) |
| Notations and remarks | TLV® Basis: Simple Asphyxiant |
| Regulatory reference | ACGIH 2024 |
| Canada (Newfoundland and Labrador) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL STEL | 1000 ppm (EX - Explosion hazard) |
| Notations and remarks | TLV® Basis: Simple Asphyxiant |
| Regulatory reference | ACGIH 2024 |
| Canada (Nova Scotia) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL STEL | 1000 ppm (EX - Explosion hazard) |
| Notations and remarks | TLV® Basis: Simple Asphyxiant |
| Regulatory reference | ACGIH 2024 |
| Canada (Nunavut) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL TWA | 1000 ppm |
| OEL STEL | 1250 ppm |

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| | |
|--|---|
| Petroleum gases, liquefied, sweetened (68476-86-8) | |
| Regulatory reference | Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) |
| Canada (Northwest Territories) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL TWA | 1000 ppm |
| OEL STEL | 1250 ppm |
| Regulatory reference | Occupation Health and Safety Regulations R-039-2015 (R-090-2024) |
| Canada (Ontario) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL TWAEV | 1000 ppm |
| Notations and remarks | See Appendix F: Minimal Oxygen Content |
| Regulatory reference | Ontario Occuational Exposure Limits under Regulation 833 |
| Canada (Prince Edward Island) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL STEL | 1000 ppm (EX - Explosion hazard) |
| Notations and remarks | TLV® Basis: Simple Asphyxiant |
| Regulatory reference | ACGIH 2024 |
| Canada (Saskatchewan) - Occupational Exposure Limits | |
| Local name | Propane |
| OEL TWA | 1000 ppm |
| OEL STEL | 1250 ppm |
| Regulatory reference | The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10 |
| 2-butoxyethanol (111-76-2) | |
| Canada (Alberta) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (Ethylene glycol monobutyl ether) |
| OEL TWA | 97 mg/m ³ 20 ppm |
| Notations and remarks | Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required. |
| Regulatory reference | Alberta Regulation 191/2021 |
| Canada (Quebec) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (Butyl cellosolve®) |
| VEMP (OEL TWAEV) | 20 ppm |
| Notations and remarks | C3 |

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| | |
|--|--|
| 2-butoxyethanol (111-76-2) | |
| Regulatory reference | S-2.1, r. 13 - Regulation respecting occupational health and safety |
| Canada (British Columbia) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (EGBE) |
| OEL TWA | 20 ppm |
| Regulatory reference | OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC) |
| Canada (Manitoba) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (EGBE) |
| OEL TWA | 97 mg/m ³ 20 ppm |
| Notations and remarks | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference | ACGIH 2025 |
| Canada (Newfoundland and Labrador) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (EGBE) |
| OEL TWA | 97 mg/m ³ 20 ppm |
| Notations and remarks | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference | ACGIH 2025 |
| Canada (Nova Scotia) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (EGBE) |
| OEL TWA | 97 mg/m ³ 20 ppm |
| Notations and remarks | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference | ACGIH 2025 |
| Canada (Nunavut) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (Butyl Cellosolve or EGBE) |
| OEL TWA | 20 ppm |
| OEL STEL | 30 ppm |
| Regulatory reference | Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) |
| Canada (Northwest Territories) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (Butyl Cellosolve or EGBE) |

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| | |
|---|---|
| 2-butoxyethanol (111-76-2) | |
| OEL TWA | 20 ppm |
| OEL STEL | 30 ppm |
| Regulatory reference | Occupation Health and Safety Regulations R-039-2015 (R-090-2024) |
| Canada (Ontario) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (EGBE) |
| OEL TWAEV | 20 ppm |
| Regulatory reference | Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents |
| Canada (Prince Edward Island) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (EGBE) |
| OEL TWA | 97 mg/m ³ 20 ppm |
| Notations and remarks | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| Regulatory reference | ACGIH 2025 |
| Canada (Saskatchewan) - Occupational Exposure Limits | |
| Local name | 2-Butoxyethanol (Butyl Cellosolve or EGBE) |
| OEL TWA | 20 ppm |
| OEL STEL | 30 ppm |
| Regulatory reference | The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10 |
| Ethanol (64-17-5) | |
| Canada (Alberta) - Occupational Exposure Limits | |
| Local name | Ethanol (Ethyl alcohol) |
| OEL TWA | 1880 mg/m ³ 1000 ppm |
| Regulatory reference | Alberta Regulation 191/2021 |
| Canada (Quebec) - Occupational Exposure Limits | |
| Local name | Ethyl alcohol (Ethanol) |
| VECD (OEL STEV) | 1000 ppm |
| Notations and remarks | C3 |
| Regulatory reference | S-2.1, r. 13 - Regulation respecting occupational health and safety |
| Canada (British Columbia) - Occupational Exposure Limits | |
| Local name | Ethanol |

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| | |
|--|---|
| Ethanol (64-17-5) | |
| OEL STEL | 1000 ppm |
| Regulatory reference | OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC) |
| Canada (Manitoba) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL STEL | 1880 mg/m ³ 1000 ppm |
| Notations and remarks | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2025 |
| Canada (New Brunswick) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL STEL | 1000 ppm |
| Notations and remarks | URT irr |
| Canada (Newfoundland and Labrador) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL STEL | 1880 mg/m ³ 1000 ppm |
| Notations and remarks | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2025 |
| Canada (Nova Scotia) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL STEL | 1880 mg/m ³ 1000 ppm |
| Notations and remarks | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2025 |
| Canada (Nunavut) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL TWA | 1000 ppm |
| OEL STEL | 1250 ppm |
| Regulatory reference | Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) |
| Canada (Northwest Territories) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL TWA | 1000 ppm |
| OEL STEL | 1250 ppm |

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| | |
|---|---|
| Ethanol (64-17-5) | |
| Regulatory reference | Occupation Health and Safety Regulations R-039-2015 (R-090-2024) |
| Canada (Ontario) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL TWAEV | 1000 ppm |
| Regulatory reference | Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents |
| Canada (Prince Edward Island) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL STEL | 1880 mg/m ³ 1000 ppm |
| Notations and remarks | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2025 |
| Canada (Saskatchewan) - Occupational Exposure Limits | |
| Local name | Ethanol |
| OEL TWA | 1000 ppm |
| OEL STEL | 1250 ppm |
| Regulatory reference | The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10 |

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. Rubber.

Eye protection:

Wear safety glasses with side shields (or goggles).

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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Liquid |
| Color | : Clear |
| Odor | : Ammoniacal |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : 100 °C (212 °F estimated) |
| Flammability (solid, gas) | : Not applicable |
| Explosion limits | : Lower explosion limit: 1.3 % estimated Upper explosion limit: 25 % estimated |
| Flash point | : None (Setaflash) |
| Auto-ignition temperature | : 230 °C (446 °F estimated) |
| Decomposition temperature | : No data available |
| pH | : 10.5 |
| Viscosity, kinematic | : No data available |
| Solubility | : Water: Soluble |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Vapor pressure | : 280.3 hPa estimated |
| Evaporation rate | : Slow |
| Density | : No data available |
| Relative density | : 0.97 estimated |
| Relative vapor density at 20°C | : > 1 (air=1) |
| Particle characteristics | : No data available |

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | : The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | : Pressurized container: may burst if heated. |
| Possibility of hazardous reactions | : May mass explode in fire. Heating may cause a fire or explosion. |
| Conditions to avoid | : High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Incompatible materials | : Strong oxidizing agents. |
| Hazardous decomposition products | : Aldehydes. Carbon oxides (CO, CO ₂). Ketones. Organic acids. |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Petroleum gases, liquefied, sweetened | |
|---------------------------------------|---------------------------|
| LC50 Inhalation - Rat (Dust/Mist) | 658 mg/l Source: IUCLID |
| 2-butoxyethanol (111-76-2) | |
| LD50 oral | 1746 mg/kg body weight |
| LD50 dermal rat | > 2000 mg/kg Source: ECHA |

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| 2-butoxyethanol (111-76-2) | |
|---|---|
| LD50 dermal | 435 mg/kg body weight |
| LC50 Inhalation - Rat (Dust/Mist) | 2200 mg/l |
| Ethanol (64-17-5) | |
| LD50 oral rat | 7060 mg/kg Source: ECHA |
| LD50 dermal | 15800 mg/kg body weight |
| LC50 Inhalation - Rat (Dust/Mist) | > 99999 mg/l |
| LC50 Inhalation - Rat (Vapors) | 116.9 mg/l Source: ECHA |
| Ammonium hydroxide ((NH4)(OH)) (1336-21-6) | |
| LD50 oral rat | > 350 mg/kg Source: HSDB |
| LD50 oral | 350 mg/kg body weight |
| LC50 Inhalation - Rat (Dust/Mist) | 3310 mg/l |
| Water (7732-18-5) | |
| LD50 oral rat | 90000 mg/kg |
| LD50 oral | > 90000 mg/kg body weight |
| LD50 dermal | > 90000 mg/kg body weight |
| Skin corrosion/irritation | : Not classified pH: 10.5 |
| Serious eye damage/irritation | : Not classified pH: 10.5 |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified. |
| Carcinogenicity | : Not classified. |
| 2-butoxyethanol (111-76-2) | |
| IARC group | 3 - Not classifiable |
| Ethanol (64-17-5) | |
| IARC group | 1 - Carcinogenic to humans |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Petroleum gases, liquefied, sweetened (68476-86-8) | |
| LOAEC (inhalation, rat, gas, 90 days) | 12000 ppm Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other: |
| 2-butoxyethanol (111-76-2) | |
| NOAEL (dermal, rat/rabbit, 90 days) | > 150 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Ethanol (64-17-5) | |
| NOAEL (subchronic, oral, animal/male, 90 days) | < 9700 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |

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| Ethanol (64-17-5) | |
|---|---|
| NOAEL (subchronic,oral,animal/female,90 days) | > 9400 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents) |
| Aspiration hazard | : Not classified |
| Symptoms/effects after inhalation | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact | : Direct contact with the eyes is likely to be irritating. |
| Symptoms/effects after ingestion | : May cause mild irritation to the digestive tract. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

| 2-butoxyethanol (111-76-2) | |
|------------------------------------|---|
| LC50 - Fish [1] | 1474 mg/l Source: ECHA |
| EC50 - Crustacea [1] | 1800 mg/l Source: ECHA |
| EC50 - Other aquatic organisms [1] | 1550 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | 911 mg/l |
| EC50 72h - Algae [1] | 911 mg/l Source: ECHA |
| NOEC chronic fish | ≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d' |

| Ethanol (64-17-5) | |
|------------------------------------|--|
| LC50 - Fish [1] | > 100 mg/l Source: SIDS 2005 |
| EC50 - Other aquatic organisms [1] | 5012 mg/l waterflea |
| ErC50 algae | 275 mg/l Source: ECHA |
| NOEC (chronic) | 9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d' |

| Ammonium hydroxide ((NH4)(OH)) (1336-21-6) | |
|---|--------------------------------|
| LC50 - Fish [1] | 9 mg/l |
| EC50 - Crustacea [1] | > 0.66 mg/l Source: HSDB, ECHA |
| EC50 - Other aquatic organisms [1] | 101 mg/l waterflea |

12.2. Persistence and degradability

| CRC® Glass Cleaner, 510 g | |
|----------------------------------|--|
| Persistence and degradability | No data is available on the degradability of this product. |

12.3. Bioaccumulative potential

| Petroleum gases, liquefied, sweetened (68476-86-8) | |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | ≤ 2.8 Source: IUCLID |

| 2-butoxyethanol (111-76-2) | |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.81 Source: ECHA |

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| Ethanol (64-17-5) | |
|--|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 Source: ICSC |
| Ammonium hydroxide ((NH₄)(OH)) (1336-21-6) | |
| Partition coefficient n-octanol/water (Log Pow) | -2.66 Source: EPISUITE |
| Water (7732-18-5) | |
| Partition coefficient n-octanol/water (Log Pow) | -1.38 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

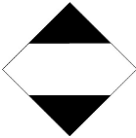
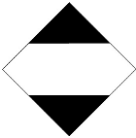

SECTION 13: Disposal considerations

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 : Contents under pressure. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Additional information : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with TDG / IMDG / IATA

| TDG | 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 | | |

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14.6. Special precautions for user

TDG

| | |
|---|---|
| TDG Primary Hazard Classes | : 2.2 - Class 2.2 - Non-Flammable, Non-Toxic Gases |
| UN-No. (TDG) | : UN1950 |
| TDG Special Provisions | : 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray. |
| Explosive Limit and Limited Quantity Index | : 1 L |
| Excepted quantities (TDG) | : E0 |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : 75 L |
| Emergency Response Guide (ERG) Number | : 126 |

IMDG

| | |
|-----------------------------|---|
| Class (IMDG) | : 2 - 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 - Gases |
| 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. National regulations

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All components of this product are listed on the DSL, NDSL, or are exempt from the inventory requirements.

| Name | CAS-No. | Regulatory reference |
|---|------------|---|
| Petroleum gases, liquefied, sweetened | 68476-86-8 | Listed on the Canadian DSL (Domestic Substances List) |
| 2-butoxyethanol | 111-76-2 | Listed on the Canadian DSL (Domestic Substances List) |
| Ethanol | 64-17-5 | Listed on the Canadian DSL (Domestic Substances List) |
| Ammonium hydroxide ((NH ₄)(OH)) | 1336-21-6 | Listed on the Canadian DSL (Domestic Substances List) |
| Water | 7732-18-5 | Listed on the Canadian DSL (Domestic Substances List) |

15.2. International regulations

Petroleum gases, liquefied, sweetened (68476-86-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-butoxyethanol (111-76-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Ethanol (64-17-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Ammonium hydroxide ((NH₄)(OH)) (1336-21-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.2. Other Regulatory Information

Volatile Organic Compound Concentration Limits for Certain Products Regulations: SOR/2021-268

VOC content 9.6 %
Product Category Single Purpose Cleaner

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SECTION 16: Other information

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Author : Joshua Weir

Safety Data Sheet (SDS), Canada, CRC

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