# CRC® Brakleen® Platinum Brake & Parts Cleaner, 16 Wt Oz

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 3/23/2026 Version: 1.0

## SECTION 1: Identification

### 1.1. Identification

Trade name : CRC® Brakleen® Platinum Brake & Parts Cleaner, 16 Wt Oz
Product code : 1758178
Part number : 05056

### 1.2. Recommended use and restrictions on use

Recommended use : Brake and automotive 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 1 | Extremely flammable aerosol. Pressurized container: may burst if heated. |
| Acute toxicity (inhalation), Category 4 | Harmful if inhaled. |
| Skin corrosion/irritation, Category 2 | Causes skin irritation. |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | May cause drowsiness or dizziness. |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | May cause respiratory irritation. |
| Aspiration hazard, Category 1 | May be fatal if swallowed and enters airways. |

### 2.2. GHS Label elements, including precautionary statements

**GHS US labeling**

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : Extremely flammable aerosol
Pressurized container: may burst if heated
May be fatal if swallowed and enters airways
Causes skin irritation
Harmful if inhaled

| | | |
|---|---|---|
| | | May cause respiratory irritation<br>May cause drowsiness or dizziness |
| Precautionary statements (GHS US) | : | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>Do not spray on an open flame or other ignition source.<br>Do not pierce or burn, even after use.<br>Do not apply while equipment is energized.<br>Extinguish all flames, pilot lights, and heaters.<br>Vapors will accumulate readily and may ignite.<br>Exposure to high temperature may cause can to burst.<br>Avoid breathing vapors, spray, mist.<br>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.<br>Wear protective gloves.<br>Wash hands thoroughly after handling.<br>If swallowed: Immediately call a poison center or doctor.<br>Do NOT induce vomiting.<br>If inhaled: Remove person to fresh air and keep comfortable for breathing.<br>Call a poison center or doctor if you feel unwell.<br>If on skin: Wash with plenty of water.<br>If skin irritation occurs: Get medical advice or attention.<br>Take off contaminated clothing and wash it before reuse.<br>Store locked up.<br>Store in a well-ventilated place.<br>Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).<br>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 | : | Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. |

### 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 | % |
|---|---|---|---|
| tert-Butyl acetate | - | CAS-No.: 540-88-5 | 80 – 100 |
| Carbon dioxide | CO2 | CAS-No.: 124-38-9 | 3 – 7 |
| Naphtha (petroleum), hydrotreated light | Low boiling point hydrogen treated naphtha | CAS-No.: 64742-49-0 | 1 – 5 |
| Heptane, branched, cyclic and linear | Heptane | CAS-No.: 426260-76-6 | 1 – 5 |
| Distillates (petroleum), light distillate hydrotreating process, low-boiling | - | CAS-No.: 68410-97-9 | 1 – 5 |
| Solvent naphtha (petroleum), light aliph. | - | CAS-No.: 64742-89-8 | 1 – 5 |

| Name | Chemical name / Synonyms | Product identifier | % |
|---|---|---|---|
| n-heptane | - | CAS-No.: 142-82-5 | 1 – 5 |

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. Call a physician immediately.

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

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 eyes with water as a precaution. 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. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician immediately.

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

Symptoms/effects : May cause drowsiness or dizziness. May cause respiratory irritation.

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

Symptoms/effects after skin contact : Causes skin irritation. May cause redness and pain.

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. Aspiration may cause pulmonary edema and pneumonitis.

### 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 : Extremely flammable aerosol.

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

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.

| | | |
|---|---|---|
| Additional Regulatory Information | : | This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. |

## 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. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Absorb spilled material with sand or earth. |
| 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. |

### 6.4. 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 | : | 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 3 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.

Packaging materials : Always store product in container of same material as original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| **Naphtha (petroleum), hydrotreated light (64742-49-0)** | |
|---|---|
| **USA - ACGIH® - Threshold Limit Values** | |
| Local name | Hexane (Commercial, <54% n-hexane) |
| ACGIH® TLV® TWA | 100 ppm |
| Remark (ACGIH®) | TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2025 |

| **Heptane, branched, cyclic and linear (426260-76-6)** | |
|---|---|
| **USA - OSHA - Occupational Exposure Limits** | |
| OSHA PEL C | 500 ppm |

| **Solvent naphtha (petroleum), light aliph. (64742-89-8)** | |
|---|---|
| **USA - ACGIH® - Threshold Limit Values** | |
| Local name | Hexane (Commercial, <54% n-hexane) |
| ACGIH® TLV® TWA | 100 ppm |
| Remark (ACGIH®) | TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2025 |

| **n-heptane (142-82-5)** | |
|---|---|
| **USA - ACGIH® - Threshold Limit Values** | |
| Local name | Heptane, isomers (n-Heptane) |
| ACGIH® TLV® TWA | 200 ppm |
| ACGIH® TLV® STEL | 400 ppm |
| Remark (ACGIH®) | TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant) |
| Regulatory reference | ACGIH 2025 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | Heptane (n-Heptane) |
| OSHA PEL TWA | 2000 mg/m³ |
| | 500 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

| | |
|---|---|
| **n-heptane (142-82-5)** | |
| **USA - NIOSH - Occupational Exposure Limits** | |
| Local name | Heptane (n-Heptane) |
| NIOSH REL 10h TWA | 85 ppm |
| NIOSH REL STEL | 440 ppm [15-min] |
| Regulatory reference (US-NIOSH) | OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG)) |
| **tert-Butyl acetate (540-88-5)** | |
| **USA - ACGIH® - Threshold Limit Values** | |
| Local name | tert-Butyl acetate |
| ACGIH® TLV® TWA | 238 mg/m³ |
| | 50 ppm |
| ACGIH® TLV® STEL | 712 mg/m³ |
| | 150 ppm |
| Remark (ACGIH®) | TLV® Basis: Eye & URT irr |
| Regulatory reference | ACGIH 2025 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | tert-Butyl-acetate |
| OSHA PEL TWA | 950 mg/m³ |
| | 200 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| **USA - NIOSH - Occupational Exposure Limits** | |
| Local name | tert-Butyl-acetate |
| NIOSH REL 10h TWA | 200 ppm |
| Regulatory reference (US-NIOSH) | OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG)) |
| **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 |

| Carbon dioxide (124-38-9) | |
|---|---|
| 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)) |

| Heptane, branched, cyclic and linear (426260-76-6) | |
|---|---|
| Occupational Exposure Limit | 1500 mg/m³ TLV (ACGIH) |

### 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: Neoprene. Nitrile |

| 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 : Sweet

Odor threshold : No data available

Melting point : No data available

Freezing point : -80.2 °F (-62.34 °C) estimated

Boiling point : 208 °F (97.8 °C) estimated

Flammability (solid, gas) : Not applicable.

Explosion limits : No data available

Flash point : < 0 °F (< - 17.8 °C) estimated

Auto-ignition temperature : 771.8 °F (411 °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 | : | 2.8 (Butyl Acetate = 1) |
| Density and/or relative density | | |
| Density | : | 7.02 lb/gal |
| Relative density | : | 0.84 |
| Relative vapor density at 20°C | : | 4 (air=1) |
| 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

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

### 10.3. Possibility of hazardous reactions

May mass explode in fire. Heating may cause a fire or explosion.

### 10.4. Conditions to avoid

High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO2). Hydrocarbon fumes and smoke.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Symptoms/effects | : | May cause drowsiness or dizziness. May cause respiratory irritation. |
| Symptoms/effects after inhalation | : | Harmful if inhaled. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. |
| Symptoms/effects after skin contact | : | Causes skin irritation. May cause redness and pain. |
| 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. Aspiration may cause pulmonary edema and pneumonitis. |
| 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) | : | Harmful if inhaled. |

| CRC® Brakleen® Platinum Brake & Parts Cleaner, 16 Wt Oz | |
|---|---|
| ATE US (vapors) | 12.2 mg/l/4h |

| Naphtha (petroleum), hydrotreated light (64742-49-0) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg Source: IUCLID |
| LD50 dermal rabbit | > 3160 mg/kg Source: IUCLID |
| LC50 Inhalation - Rat | > 23.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
| LC50 Inhalation - Rat [ppm] | 73680 ppm Source: IUCLID |
| LC50 Inhalation - Rat (Dust/Mist) | > 23300 mg/l |

| Distillates (petroleum), light distillate hydrotreating process, low-boiling (68410-97-9) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

| Solvent naphtha (petroleum), light aliph. (64742-89-8) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

| n-heptane (142-82-5) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg Source: ECHA |
| LD50 dermal rabbit | > 2000 mg/kg Source: ECHA |
| LC50 Inhalation - Rat | 103 mg/m³ Source: ECHA |
| LC50 Inhalation - Rat (Dust/Mist) | > 29290 mg/l |

| tert-Butyl acetate (540-88-5) | |
|---|---|
| LD50 oral rat | 4500 mg/kg Source: ECHA |
| LD50 dermal rabbit | > 2000 mg/kg Source: ECHA |
| LC50 Inhalation - Rat (Vapors) | 20 mg/l Source: ECHA |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

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

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

STOT-single exposure : May cause drowsiness or dizziness. May cause respiratory irritation.

| n-heptane (142-82-5) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| tert-Butyl acetate (540-88-5) | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. May cause respiratory irritation. |

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

| Naphtha (petroleum), hydrotreated light (64742-49-0) | |
|---|---|
| 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 |

| n-heptane (142-82-5) | |
|---|---|
| LOAEC (inhalation,rat,vapor,90 days) | 16.6 mg/l air Animal: rat, Animal sex: male |

| n-heptane (142-82-5) | |
|---|---|
| NOAEC (inhalation,rat,vapor,90 days) | 3.3 mg/l air Animal: rat, Animal sex: male |

Aspiration hazard : May be fatal if swallowed and enters airways.

Viscosity, kinematic : No data available

| Naphtha (petroleum), hydrotreated light (64742-49-0) | |
|---|---|
| Viscosity, kinematic | 0.67 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)' |

| Distillates (petroleum), light distillate hydrotreating process, low-boiling (68410-97-9) | |
|---|---|
| Viscosity, kinematic | < 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)' |

| Solvent naphtha (petroleum), light aliph. (64742-89-8) | |
|---|---|
| Viscosity, kinematic | < 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)' |

| n-heptane (142-82-5) | |
|---|---|
| Viscosity, kinematic | 0.641 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)' |

| tert-Butyl acetate (540-88-5) | |
|---|---|
| Viscosity, kinematic | < 1 mm²/s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm²/s)' |

## 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.

| Naphtha (petroleum), hydrotreated light (64742-49-0) | |
|---|---|
| LC50 - Fish [1] | > 3 mg/l |
| LC50 - Other aquatic organisms [1] | 2.6 mg/l Source: IUCLID |
| EC50 - Other aquatic organisms [1] | 4.6 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | 10 mg/l |
| 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' |

| Distillates (petroleum), light distillate hydrotreating process, low-boiling (68410-97-9) | |
|---|---|
| LC50 - Fish [1] | 0.854 mg/l Source: Ecological Structure Activity Relationships |
| EC50 96h - Algae [1] | 1.323 mg/l Source: Ecological Structure Activity Relationships |

| Solvent naphtha (petroleum), light aliph. (64742-89-8) | |
|---|---|
| EC50 72h - Algae [1] | 6.5 mg/l Source: IUCLID |

| n-heptane (142-82-5) | |
|---|---|
| LC50 - Fish [1] | 5.738 mg/l Source: QSAR |
| EC50 - Crustacea [1] | 1.5 mg/l |
| 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' |

| tert-Butyl acetate (540-88-5) | |
|---|---|
| LC50 - Fish [1] | 240 mg/l Source: ECHA |
| EC50 - Crustacea [1] | 350 mg/l Source: ECHA |
| EC50 72h - Algae [1] | 16 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 6.1 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | 5.8 mg/l Source: ECHA |
| EC50 96h - Algae [2] | 5.8 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® Platinum Brake & Parts Cleaner, 16 Wt Oz | |
|---|---|
| Persistence and degradability | No data is available on the degradability of this product. |

### 12.3. Bioaccumulative potential

| Naphtha (petroleum), hydrotreated light (64742-49-0) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.1 – 6 Source: IUCLID |
| **Solvent naphtha (petroleum), light aliph. (64742-89-8)** | |
| Partition coefficient n-octanol/water (Log Pow) | 2.1 – 6 Source: IUCLID |
| **n-heptane (142-82-5)** | |
| Partition coefficient n-octanol/water (Log Pow) | 4.66 Source: ICSC |
| **tert-Butyl acetate (540-88-5)** | |
| Partition coefficient n-octanol/water (Log Pow) | 1.76 Source: ICSC |
| **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.

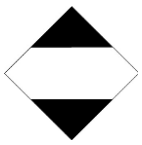
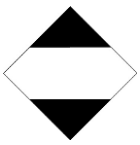
Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions.

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. Container under pressure. Do not drill or burn even after use. |
| Hazardous waste code | : | Possible RCRA waste code includes:<br>D001: Ignitable Waste<br><br>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, 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) | : | 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 |
| UN-No. (DOT) | : | UN1950 |
| DOT Special Provisions (49 CFR 172.102) | : | N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols. |
| 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) | : | 2.1 - Flammable 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) | : | 2.1 - Gases : Flammable |
| 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) | : | A145, A167, A802 |
| ERG code (IATA) | : | 10L |

### 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 | |
|---|---|
| tert-Butyl acetate (540-88-5) | 5000 lb |

**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® Platinum Brake & Parts Cleaner, 16 Wt Oz | |
|---|---|
| SARA Section 311/312 Hazard Classes | Physical hazard - Flammable (gases, aerosols, liquids, or solids)<br>Health hazard - Acute toxicity (any route of exposure)<br>Health hazard - Skin corrosion or Irritation<br>Health hazard - Specific target organ toxicity (single or repeated exposure)<br>Health hazard - Aspiration hazard |

**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**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

**State Regulations**

| Component | State Regulations |
|---|---|
| n-heptane(142-82-5) | 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; U.S. - Rhode Island - Hazardous Substance List |
| tert-Butyl acetate(540-88-5) | 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 |
| 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)) | 9.37 % |
| Architectural Coatings Regulations | Not regulated. |

**State**

| | |
|---|---|
| Consumer products | This product is regulated as a Brake Cleaner and General Purpose Degreaser. This product is not compliant to be sold for use in California. This product is compliant in all other states. |
| VOC Content (CA) | 93.72 % |
| VOC Content (OTC) | 9.37 % |

## SECTION 16: Other information

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

| | | |
|---|---|---|
| Author | : | Joshua Weir |
| Other information | : | CRC # 1758180. |

Safety Data Sheet (SDS), USA, CRC

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