CRC

Brākleen®

Brake Parts Cleaner

Limpiador de partes de frenos

PRO SERIES

Strongest 50-State Formula

Fórmula más fuerte de los 50 estados

Cleans Fast • Dries Fast

Removes Brake Fluid, Grease & Oil

Limpia rápido • Se seca rápido

DANGER: EXTREMELY FLAMMABLE.
CAUSES SKIN AND EYE IRRITATION. CONTENTS UNDER PRESSURE.
KEEP AWAY FROM CHILDREN. READ WARNINGS ON BACK PANEL.

PELIGRO: EXTREMAMENTE INFLAMABLE.
PROVOCA IRRITACIÓN CUTÁNEA Y OCULAR. CONTENIDO BAJO PRESIÓN. MANTENGA FUERA DEL ALCANCE DE LOS NIÑOS.
LEA LAS ADVERTENCIAS EN EL DORSO.

1 lb 4 oz (566 g) **No. 05050PS**

CRC BRAKLEEN removes brake fluid, grease, oil and other contaminants from all types of brake assemblies. Stops disc brake squeal. May be applied without disassembling the brake unit. CLEANS AND DEGREASES brake linings, cylinders, drums, clutches, springs, disc brake parts, C.V. joints, and other brake parts.

DIRECTIONS: ***Read entire label before using this product.*** **1. DO NOT apply while equipment is energized or on hot surfaces. 2.** Protect all rubber brake parts, plastic parts, rims and painted surfaces from product and overspray. **3.** Wet down surfaces to be cleaned using short bursts of BRAKLEEN at a distance of 18-24 inches. Avoid breathing any dust or vapors that may become airborne. (See inhalation warning below) **4.** After all surfaces have been wetted, continue spraying BRAKLEEN to remove contaminants. **5.** Air dry or wipe with a clean cloth. **6.** For heavy deposits, repeat application as necessary. **7.** Runoff should be collected and disposed of properly. (See disposal statement below) **8.** Professional users should consult SDS and follow all applicable OSHA regulations.

BRAKLEEN de CRC remueve líquido de frenos, grasa, aceite y otros contaminantes de los revestimientos y tambores de freno. También elimina los chillidos del disco de freno. Se puede aplicar sin desarmar la unidad de freno. LIMPIA Y DESENGRASA revestimientos de freno, cilindros, tambores, embragues, resortes, partes de frenos a disco, juntas C.V. y otras partes de los frenos.

INDICACIONES: ***Lea toda la etiqueta antes de usar este producto.*** **1. NO lo aplique sobre equipos encendidos o sobre superficies calientes. 2.** Proteja todas las partes de goma de los frenos, partes de plástico, las llantas y las superficies pintadas contra el producto y sus salpicaduras. **3.** Humedezca las superficies a limpiar con ráfagas cortas de BRAKLEEN desde una distancia de 18 a 24 pulgadas. Evite respirar todo el polvo o vapor que pudiera desprenderse. (Vea la advertencia contra inhalación a continuación) **4.** Luego de humedecer todas las superficies, continúe aplicando BRAKLEEN para remover los contaminantes. **5.** Déjelo secar al aire o repáselo con un trapo limpio. **6.** Para depósitos más difíciles, repita la aplicación como sea necesario. **7.** Los derrames deben recolectarse y desecharse adecuadamente. (Consulte las instrucciones de desecho a continuación) **8.** Los usuarios profesionales deben consultar el HDS y cumplir con todas las regulaciones de OSHA que correspondan.

Danger: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; 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. Avoid breathing mist or vapor. Wear eye protection/face protection. Wear protective gloves. Wash thoroughly after handling. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene. Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.
First Aid: If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash 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.

Contains acetone 67-64-1, carbon dioxide 124-38-9, hexamethyldisiloxane 107-46-0, n-heptane 142-82-5, 3-methylhexane 589-34-4, 2-methylhexane 591-76-4, 3-ethylpentane 617-78-7, and 3,3-dimethylpentane 562-49-2. Deliberate misuse by concentrating and inhaling the contents is illegal and can be harmful or fatal. Inhalation abuse can cause death. For additional information, consult SDS for this product
Electrical Shock Hazard: This metal can will conduct electricity. Keep away from all live electrical sources. Failure to observe this warning may result in serious injury and/or flash fire.

Peligro: Aerosol extremadamente inflamable. Contiene gas a presión; puede explotar si se calienta. Provoca irritación cutánea. Provoca irritación ocular grave. Puede provocar somnolencia o vértigo.
Consejos de prudencia: Mantener alejado del calor/de chispas/de llamas al descubierto/de superficies calientes. – No fumar. No vaporizar sobre una llama al descubierto o cualquier otra fuente de ignición. Recipiente a presión: No perforar ni quemar, incluso después del uso. No aplique el producto sobre un equipo conectado. Apague todas las llamas, pilotos y calefactores. El vapor se acumulará rápidamente y puede inflamarse. Utilice solo con ventilación adecuada; mantenga la ventilación durante la utilización del producto hasta que el vapor haya desaparecido. Abra las puertas y ventanas y utilice otros medios para asegurar la provisión de aire fresco al utilizar el producto y mientras se esté secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. Evitar respirar nieblas o vapores. Usar equipo de protección para los ojos/la cara. Usar guantes de protección. Lávese cuidadosamente después de la manipulación. Almacenar en un lugar bien ventilado. Guardar bajo llave. Proteger de la luz solar. No exponer a una temperatura superior a 50 °C/122 °F. Al exponerlo al calor extremo, los vapores pueden descomponerse en gases corrosivos y tóxicos como el fluoruro de hidrógeno, el cloruro de hidrógeno y, posiblemente, el fosgeno. La exposición a altas temperaturas puede provocar que la lata estalle. Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales pertinentes.
Primeros Auxilios: En caso de contacto con la piel: Lavar con abundante agua. En caso de irritación cutánea: Consultar a un médico. Quitar la ropa contaminada y lavarla antes de volverla a usar. En caso de inhalación: Transportar la persona al aire libre y mantenerla en una posición que le facilite la respiración. Llamar a un CENTRO DE TOXICOLOGÍA o a un médico si la persona se encuentra mal. En caso de contacto con los ojos: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. Si la irritación ocular persiste, consultar a un médico.

Su mal uso deliberado, concentrando e inhalando su contenido es ilegal y puede ser perjudicial o fatal. La inhalación abusiva puede causar la muerte. Para mayor información, consulte la Hoja de Datos de Seguridad para este producto.
Peligro de Descarga Eléctrica: Esta lata de metal puede conducir la electricidad. Mantengala alejada de todas las fuentes eléctricas vivas. El incumplimiento de esta advertencia puede resultar lesiones graves y/o incendio repentino.

S.D.[L.]® Safety Data Label

0 78254 35050 9

WARNING: This product can expose you to chemicals including ethylbenzene, which is known to the State of California to cause cancer, and toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

ADVERTENCIA: Este producto puede exponerle a químicos incluyendo etilbenceno, que es conocido por el Estado de California como causantes de cáncer y tolueno, que es conocido por el Estado de California como causante de defectos de nacimiento u otros daños reproductivos. Para mayor información, visite www.P65Warnings.ca.gov.

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www.crcindustries.com
Made in Canada

Not for use in SCAQMD of CA

800-521-3168 (Technical Information)
800-272-8963 (Customer Care)
CRC#975A 17A

To review S.D.S.: Tear (DO NOT CUT) label along these perforations and fold back label. After viewing, reattach label.
Do not completely remove label until can is empty. Para revisar la Hoja de Datos de Seguridad (HDS), Rasgue (NO CORTE) la etiqueta siguiendo estas perforaciones y dóblela hacia atrás.
Al terminar, vuelva a pegar la etiqueta. No la retire completamente hasta que la lata esté vacía.

1. Identification

Product identifier: Brakleen® Pro Series 50 State Compliant
Product code 05050PS
Recommended use Brake parts cleaner
Restrictions None known.
Manufactured by:
CRC Industries, Inc., 885 Louis Drive, Warminster, PA 18974
Phone: 215-674-4300
Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300

2. Hazard(s) identification

Physical hazards Flammable aerosols (Category 1)
Gases under pressure (Compressed gas)
Health hazards Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Specific target organ toxicity, single exposure (Category 3 narcotic effects)
Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components

Chemical name	CAS number	%
acetone	67-64-1	60 – 70
carbon dioxide	124-38-9	5 – 10
hexamethyldisiloxane	107-46-0	5 – 10
n-heptane	142-82-5	3 – 5
3-methylhexane	589-34-4	1 – 3
2-methylhexane	591-76-4	< 1
3-ethylpentane	617-78-7	< 0.3
3,3-dimethylpentane	562-49-2	< 0.2

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

4. First-aid measures

Inhalation Move person to fresh air and keep at rest. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact Remove contaminated clothing and wash off with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact 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.
Ingestion Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects Skin and eye irritation. Narcotic effects.
Special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Alcohol resistant foam. Dry chemical powder. CO2. Water spray.
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards Extremely flammable aerosol. Pressurized container may rupture when exposed to heat or flame. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.
Special protective equipment and precautions for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions Keep unnecessary personnel away. Remove all possible sources of ignition in the surrounding area. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.
Containment and cleaning up Eliminate all ignition sources. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. Avoid release to the environment. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Handling Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.
Storage Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place, away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
acetone	TWA	250 ppm
carbon dioxide	TWA	5000 ppm
n-heptane	TWA	400 ppm
2-methylhexane	TWA	400 ppm
3,3-dimethylpentane	TWA	400 ppm
3-ethylpentane	TWA	400 ppm
3-methylhexane	TWA	400 ppm

Appropriate engineering controls Mechanical ventilation or local exhaust ventilation is recommended.
Individual protection measures:
Eye/face protection Wear safety glasses with side shields (or goggles).
Skin protection Wear protective gloves such as butyl rubber.
Respiratory protection If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Wear positive pressure self-contained breathing apparatus (SCBA) in case of emergency.

9. Physical and chemical properties

Appearance Colorless liquid.
Odor Solvent.
Odor threshold Not available.
pH Not available.
Melting point/freezing point Not available.
Initial boiling point 133 °F (56 °C)
Flash point < 0 °F (< -17.8 °C)
Evaporation rate Fast.
Explosive limit - lower (%) 1.1
Explosive limit - upper (%) 13
Vapor pressure 4303 hPa
Vapor density > 1 (Air = 1)
Relative density 0.87
Solubility(ies) Not available.
Partition coefficient (oil/water) Not available.
Auto-ignition temperature 540 °F (282 °C)
Decomposition temperature Not available.
Viscosity Not available.
VOC (Weight %): 9.3% (0.68 lb/gal, 80.9 g/L)

10. Stability and reactivity

Reactivity Non-reactive
Chemical stability Stable
Possibility of hazardous reactions No
Conditions to avoid Incompatible materials. Heat, flames and sparks. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride, and possibly phosgene.
Incompatible materials Acids. Bases. Aldehydes. Alkalies. Amines. Ammonia. Halogens. Peroxides. Reducing agents. Oxidizing agents.
Hazardous decomposition products Carbon oxides. Silicone oxides. Hydrogen chloride. Hydrogen fluoride. Phosgene. Formaldehyde.

11. Toxicological information

Information on likely routes of exposure:
Ingestion Health injuries are not known or expected under normal use.
Inhalation Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Skin contact Causes skin irritation.
Eye contact Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics Narcotic effects. Irritant effects.
Information on toxicological effects:
Acute toxicity Not known.
Respiratory sensitization Not a respiratory sensitizer.
Skin sensitization Not expected to cause skin sensitization.
Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Aspiration hazard Not an aspiration hazard.
Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

See full SDS for additional information

13. Disposal considerations

Disposal instructions This material must be disposed of as hazardous waste (See 40 CFR Part 261.20 – 261.33).
Hazardous waste code D001: Waste Flammable liquid

14. Transport information

DOT shipping description: UN1950, Aerosols, 2.1, limited quantity

15. Regulatory information

SARA 313 None
See full SDS for additional information

16. Other information

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