

# CRC Heavy Duty Degreaser

**DIRECTIONS:** Read entire label before using this product. 1. For personal safety, do not apply while equipment is energized. 2. Remove mechanical plates, covers, etc. to expose equipment interior. For best results, remove heavy deposits of contaminants by scraping with a knife or wire brush. 3. Spray until clean. 4. Allow equipment to fully dry and vent before using. 5. Drying time can be accelerated by using a dry, absorbent cloth or CRC Duster™. 6. Do not use on modern plastics such as LEXAN®, ABS and Noryl®. If uncertain, check with the manufacturer or test on a small area before using. 7. Not for use on sensitive electronics. Use a CRC precision cleaner.

**INSTRUCCIONES:** Lea la etiqueta completa antes de usar este producto. 1. Por razones de seguridad personal, no aplique el producto mientras el equipo está conectado. 2. Quite las placas metálicas, las cubiertas, etc. para exponer el interior del equipo. Para obtener mejores resultados, quite los depósitos difíciles de contaminantes raspando con un cuchillo o un cepillo de alambre. 3. Rocíe hasta que quede limpio. 4. Deje secar y ventilar el equipo por completo antes de utilizarlo. 5. Se puede acelerar el tiempo de secado utilizando un paño seco y absorbente o el aerosol antihumedad DUSTER™ de CRC. 6. No utilice sobre plásticos modernos tales como LEXAN®, ABS y Noryl®. Si no está seguro, consulte con el fabricante o realice una prueba sobre una superficie pequeña antes de utilizar el producto. 7. No apto para utilizar en productos electrónicos sensibles. Utilice el tipo de producto de CRC adecuado.

**Danger:** Contains gas under pressure; may explode if heated. May cause cancer by inhalation or ingestion. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. May cause drowsiness or dizziness.

**Precautionary Statements:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49°C/120°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. Avoid breathing mist or vapor. Use with adequate ventilation. 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. Wash thoroughly after handling. Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace. Store locked up. Protect from sunlight. Store in a well-ventilated place. 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 or rash occurs: Get medical 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 attention. If exposed or concerned: Get medical attention.

Contains tetrachloroethylene (127-18-4), CO<sub>2</sub>© 210 (Proprietary) and carbon dioxide (124-38-9). 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 can will conduct electricity. Do not touch can to live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from electrical shock.

**Peligro:** Contiene gas a presión; puede explotar si se calienta. Puede provocar cáncer si se inhala o ingestión. Provoca irritación cutánea. Puede provocar una reacción cutánea alérgica. Provoca irritación ocular. Puede provocar somnolencia o vértigo.

**Consejos de Prudencia:** Procurarse las instrucciones antes del uso. No manipular antes de haber leído y comprendido todas las precauciones de seguridad. No perforar ni incinerar el envase. No exponer al calor ni almacenar a temperaturas superiores a 49°C/120°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. Evitar respirar nieblas o vapores. Usar con ventilación adecuada. 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. Lévese cuidadosamente después de la manipulación. Usar guantes de protección. La ropa de trabajo contaminada no debe salir del lugar de trabajo. Guardar bajo llave. Proteger de la luz solar. Almacenar en un lugar bien ventilado. La exposición a altas temperaturas puede provocar que la lata estalle. Eliminación de contenidos / contenido 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: Busque atención médica. 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 persiste la irritación de los ojos: Busque atención médica. En caso de exposición demostrada o supuesta: Busque atención médica.

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:** Este recipiente es conductor de electricidad. Mantenga la lata alejada de toda fuente eléctrica viva, incluyendo terminales de batería, solenoides, paneles eléctricos y otros componentes electrónicos. El no respetar estas advertencias puede causar heridas graves por descargas eléctricas.

Not for use in California. See SDS for additional OTC/LADCO state sales restrictions.

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800-321-3168 (Technical Information) • 800-272-4620 (Customer Care) • 215-442-6260 (SDS) www.crcindustries.com



# Heavy Duty Degreaser

## Desengrasante para Usos Pesados

Removes Grease and Oil  
Leaves No Residue  
Evaporates Rapidly

Quita la Grasa y el Aceite  
No Deja Residuos  
Se Evapora Rápidamente



Nonfood Compounds  
Program Listed  
Category Code: K1  
Reg.# 017395



**DANGER:** CAUSES SKIN AND EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CONTENTS UNDER PRESSURE. KEEP AWAY FROM CHILDREN. Read warnings on back panel.

**PELIGRO:** PROVOCAR IRRITACIÓN CUTÁNEA Y OCULAR. PUEDE PROVOCAR UNA REACCIÓN CUTÁNEA ALÉRGICA. CONTENIDO BAJO PRESIÓN. MANTENGA FUERA DEL ALCANCE DE LOS NIÑOS. Lea las advertencias en el dorso.



No. 03095T

Net Wt. / Peso Neto  
1 lb 3 oz (539 g)

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 dobléla hacia atrás. Al terminar, vuelva a pegar la etiqueta. No la retire completamente hasta que la lata esté vacía.

## 1. Identification

**Product identifier:** Heavy Duty Degreaser

**Product code** 03095T

**Recommended use** General purpose degreaser

**Restrictions** None known.

**Manufactured or sold 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** Gases under pressure (Compressed gas)

**Health hazards** Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 2B)

Skin sensitization (Category 1B)

Carcinogenicity (Category 1B)

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	%
tetrachloroethylene	127-18-4	80 – 90
COzol® 210	Proprietary	5 – 10
carbon dioxide	124-38-9	1 – 3

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

## 4. First-aid measures

**Inhalation** 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.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately. Do not induce vomiting.

**Most important symptoms/effects** Irritant effects. Narcotic effects. May cause an allergic skin reaction.

**Special treatment needed** Treat symptomatically. The effects might be delayed.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** None known.

**Specific hazards** Contents under pressure. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases.

**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. Accidental release measures

**Personal precautions** Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Avoid breathing mist or vapor. Ensure adequate ventilation.

**Containment and cleaning up** Eliminate all ignition sources. Keep combustibles away from spilled material. Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Avoid release to the environment.

## 7. Handling and storage

**Handling** Pressurized container: Do not pierce or burn, even after use. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure.

**Storage** Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Store in a well-ventilated place away from incompatible materials.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

Components	Type	Value
carbon dioxide	TWA	5000 ppm
trans-1,2-dichloroethylene	TWA	200 ppm
tetrachloroethylene	TWA	25 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 PVA or Viton®.

**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 threshold** Not available.

**Melting point/freezing point** -119 °F (-84 °C)

**Initial boiling point** 120 °F (49 °C)

**Flash point** None (Tag Closed Cup)

**Evaporation rate** Fast

**Explosive limit - lower (%)** 6.7

**Explosive limit - upper (%)** 18

**Vapor pressure** 1444 hPa

**Vapor density** > 4 (Air = 1)

**Relative density** 1.58

**Solubility(ies)** Slight in water.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 860 °F (460 °C)

**Decomposition temperature** Not available.

**Viscosity** Not available.

**VOC (Weight %):** 7.8% (1.03 lbs/gal, 123.8 g/l)

**Odor** Solvent.

**pH** Not available.

## 10. Stability and reactivity

**Reactivity** Non-reactive

**Chemical stability** Stable

**Possibility of hazardous reactions** No

**Conditions to avoid** Heat, flames and sparks. Sunlight. Extreme temperatures.

**Incompatible materials** Strong oxidizing agents.

**Hazardous decomposition products** Hydrogen chloride. Hydrogen fluoride. Phosgene. Carbon oxides.

## 11. Toxicological information

**Information on likely routes of exposure:**

**Ingestion** Swallowing large amounts may cause injury if aspirated into the lungs.

**Inhalation** Vapors may cause drowsiness and dizziness.

**Skin contact** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact** Causes eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Skin and eye irritants. May cause an allergic skin reaction. May cause drowsiness and dizziness.

**Information on toxicological effects:**

**Acute toxicity** Narcotic effects. May cause an allergic skin reaction.

**Respiratory sensitization** Not a respiratory sensitizer.

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

**Carcinogenicity** May cause cancer.

tetrachloroethylene IARC 2A (Probably carcinogenic to humans)

tetrachloroethylene NTP (Reasonably Anticipated to be a Human Carcinogen)

**Reproductive toxicity** Not expected to cause reproductive or developmental effects.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Chronic effects** Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**See full SDS for additional information**

## 13. Disposal considerations

**Disposal instructions** This material and its container must be disposed of as hazardous waste.

**Hazardous waste code** D039, F001, F002

## 14. Transport information

**DOT shipping description:** UN1950, Aerosols, poison, 2.2 (6.1), limited quantity

## 15. Regulatory information

SARA 313 tetrachloroethylene

**See full SDS for additional information**

## 16. Other information

**Issue date** 3/14/2016

**CRC #894A**

**Version # 02**