

CRC Heavy Duty Degreaser MUO

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. Use extension tube for hard to reach areas. 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. Utilice el tubo de extensión para alcanzar las áreas de difícil acceso. 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. Causes skin and eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. May cause cancer by inhalation or ingestion.

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 into harmful or fatal corrosive gases such as hydrogen fluoride, hydrogen chloride and possibly phosgene. 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. Avoid breathing gas, mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Store in a well-ventilated place. Store locked up. 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 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), C0z0l@ 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 metal can will conduct electricity. Do not touch can to live electrical sources, as this may result in serious injury.

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

Consejos de Prudencia: Recabar instrucciones especiales antes de su 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, cloruro de hidrógeno y, posiblemente, el fosgeno. 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. Evite la inhalación de gas, neblina o vapor. Lávese cuidadosamente después de la manipulación. Usar guantes/indumentaria protectora/equipo de protección para los ojos/la cara. Almacenar en lugar bien ventilado. Guardar bajo llave. 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. Si ocurre irritación de la piel: Busque atención médica. Quitar la ropa contaminada y lavarla antes de volver a usarla. 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. Recooger los vertidos.

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. No toque la lata con fuentes eléctricas vivas, ya que esto puede resultar en lesiones graves.

NOT FOR RETAIL SALE. FOR USE IN THE MANUFACTURING PROCESS ONLY.

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Made in U.S.A. 16A CRC# 894A
800-521-3168 (Technical Information) • 800-272-4620 (Customer Care) • 215-442-6260 (SDS) www.crcindustries.com



Nonfood Compounds
Program Listed: K1
Reg.# 141201

S.D.[L.]
Safety Data Label



Heavy Duty Degreaser MUO

Desengrasante para Usos Pesados MUO

Removes Grease and Oil

Leaves No Residue

Evaporates Rapidly

Quita la Grasa y el Aceite

No Deja Residuos

Se Evapora Rápidamente



No. 03995

Net Wt. / Peso Neto
1 lb 3 oz (538 g)

Industrial Use Only
Not Labeled for Household Use

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): Rasque (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: Heavy Duty Degreaser MUO

Product code 03995

Recommended use Heavy duty 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 Acute toxicity, inhalation (Category 4)

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 2B)

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. Oxygen or artificial respiration if needed. Call a physician if you feel unwell.

Skin contact Remove contaminated clothing and wash skin with water/shower. If skin irritation occurs: Get medical attention.

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 Call a poison control center immediately. Rinse mouth. Do not induce vomiting

Most important symptoms/effects Irritant effects. Narcotic effects.

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

5. Fire-fighting measures

Suitable extinguishing media Dry chemical, CO2, foam or water spray.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

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 Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Containers should be cooled with water to prevent vapor pressure build up.

6. Accidental release measures

Personal precautions Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Avoid inhalation of vapors and spray mists. Avoid breathing gas. 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 gas, 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	100 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 Wear positive pressure self-contained breathing apparatus (SCBA).

9. Physical and chemical properties

Appearance Colorless liquid.

Odor Solvent.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -112 °F (-80 °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)

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 Carbon oxides. Hydrogen chloride. Hydrogen fluoride. Phosgene.

11. Toxicological information

Information on likely routes of exposure:

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

Inhalation Harmful if inhaled. Vapors may cause drowsiness and dizziness.

Skin contact Causes skin irritation.

Eye contact Causes eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Skin and eye irritants. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Information on toxicological effects:

Acute toxicity Harmful if inhaled. Narcotic effects.

Respiratory sensitization Not available.

Skin sensitization Not expected to cause skin sensitization.

Carcinogenicity May cause cancer.

Tetrachloroethylene IARC 2A (Probably carcinogenic to humans)

Reproductive toxicity Not expected to cause reproductive or developmental effects.

Aspiration hazard May be an aspiration hazard.

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 The dispensed liquid is not a RCRA hazardous waste. Empty container can be recycled.

Hazardous waste code Not regulated

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

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