



Formula item# 1008112-1002461

Rev 17A

Label item# 1750232

DIRECCIONES: Read entire label before using this product. 1. DO NOT apply while equipment is energized or on hot surfaces. 2. May be harmful to some plastics. Test on small area before using. Do not use on sensitive electronic equipment. Use a CRC Precision Cleaner. 3. Shut-off or disconnect power supply and be sure all stored energy has been drained from the system. 4. For heavily soiled or corroded surfaces, brush with a mild abrasive before using product. 5. Spray until clean and allow cleaner to run off surface. Use an intermittent spray pattern to dislodge trapped contaminants. 6. Air dry or wipe with a dry, absorbent cloth. 7. Allow electrical equipment to dry thoroughly and vent before reenergizing system.

INSTRUCCIONES: Lea toda la etiqueta antes de usar este producto. 1. NO lo aplique sobre equipos encendidos o sobre superficies calientes. 2. Puede dañar algunos plásticos. Haga una prueba en una zona pequeña antes de usarlo. No lo utilice en equipos electrónicos delicados. Utilice un limpiador de precisión de CRC. 3. Corte o desconecte el suministro de energía y asegúrese de haber eliminado del sistema toda la energía almacenada. 4. Para superficies extremadamente sucias o corroídas, cepille con un producto abrasivo suave antes de usar CHLOR-FREE. 5. Rocíe hasta que quede limpio y deje que el limpiador desaparezca de la superficie. Utilice un patrón de rociado intermitente para desprender los contaminantes que hayan quedado atrapados. 6. Seque al aire o con un trapo seco y absorbente. 7. Deje que el equipo eléctrico seque completamente y ventile antes de conectar nuevamente el sistema.

Danger: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility. Causes damage to organs (central nervous system, eyes).



Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 breathe mist or vapor. 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. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.

First Aid: If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. 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. 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. If exposed: Call a poison center/doctor.

Contains cyclohexane 110-82-7, 2-methylpentane 107-83-5, ethanol 64-17-5, carbon dioxide 124-38-9, methanol 67-56-1, hydrotreated light naphtha 64742-49-0, n-hexane 110-54-3, and methyl isobutyl ketone 108-10-1. 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. Nocivo en caso de ingestión. Puede ser mortal en caso de ingestión y de penetración en las vías respiratorias. Provoca irritación cutánea. Provoca irritación ocular grave. Puede provocar somnolencia o vértigo. Susceptible de provocar cáncer. Susceptible de perjudicar la fertilidad. Provoca daños en los órganos (sistema nervioso central, ojos).

Consejos de Prudencia: Procurarse las instrucciones antes del uso. No manipular antes de haber leído y comprendido todas las precauciones de seguridad. 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 respirar nieblas o vapores. 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. Lávese cuidadosamente después de la manipulación. No comer, beber o fumar mientras se manipula este producto. Usar guantes/ropa de protección/equipo de protección para los ojos/la cara. 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. 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 ingestión: Llamar inmediatamente a un centro de toxicología o a un médico. Enjuagarse la boca. NO provocar el vómito. 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. 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. EN CASO DE exposición: Llamar a un CENTRO DE TOXICOLOGIA o 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. Manténgala alejada de todas las fuentes eléctricas vivas. El incumplimiento de esta advertencia puede resultar lesiones graves y/o incendio repentino.

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

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800-521-3168 (Technical Information) • 800-272-4620 (Customer Care)

Made in U.S.A. 17A
www.crcindustries.com



Chlor-Free[®] Degreaser MUO Desengrasante MUO

Non-Chlorinated
Fast Evaporation
Leaves No Residue
Removes Grease and Oil

No Clorado
Rápida Evaporación
No Deja Residuos
Elimina la Grasa y el Aceite



Nonfood Compounds
Program Listed: K1
Reg.# 141283



No. 03985
Item# 1003519

Net Wt. / Peso Neto
14 oz (396 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: Chlor-Free® Degreaser MUO

Product code No. 03985 (Item# 1003519)

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	Flammable aerosols (Category 1) Gases under pressure (Compressed gas)
Health hazards	Acute toxicity, oral (Category 4) Skin corrosion/irritation (Category 2) Serious eye damage/eye irritation (Category 2A) Carcinogenicity (Category 2) Reproductive toxicity (Category 2 fertility) Specific target organ toxicity, single exposure (Category 1 central nervous system, eyes) Specific target organ toxicity, single exposure (Category 3 narcotic effects) Aspiration hazard (Category 1)

Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components

Chemical name	CAS number	%
cyclohexane	110-82-7	70 – 80
2-methylpentane	107-83-5	5 – 10
ethanol	64-17-5	5 – 10
carbon dioxide	124-38-9	3 – 5
methanol	67-56-1	3 – 5
hydrotrated light naphtha	64742-49-0	3 – 5
n-hexane	110-54-3	< 1
methyl isobutyl ketone	108-10-1	< 0.2

(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. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice.

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 Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness, dizziness, headache, nausea and vomiting. Skin and severe eye irritation.

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. Foam. Carbon dioxide (CO₂). Dry chemical powder. Sand. Earth.

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

Specific hazards Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur.

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 Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Ventilate closed spaces before entering them.

Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. Wipe up with absorbent material and place into suitable containers. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Handling Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not handle or store near an open flame, heat or other sources of ignition. Do not breathe mist or vapor. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product.

Storage Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate, or crush. 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
cyclohexane	TWA	100 ppm
ethanol	PEL	1000 ppm
methanol	TWA	200 ppm
methyl isobutyl ketone	TWA	20 ppm
hydrotrated light naphtha	PEL	100 ppm
n-hexane	TWA	50 ppm
2-methylpentane	TWA	500 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 nitrile or viton/butyl. Wear appropriate clothing to prevent skin contact.

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 Water-white liquid.

Odor threshold Not available.

Melting point/freezing point -245 °F (-154 °C)

Flash point < 0 °F (< -18 °C) Tag Closed Cup

Explosive limit - lower (%) 1

Vapor pressure 2425 hPa

Relative density 0.79

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

Decomposition temperature Not available.

VOC (Weight %): 96% (6.1 lb/gal, 730 g/L)

Odor Mild solvent.

pH Not available.

Initial boiling point 118°F (48 °C)

Evaporation rate Fast

Explosive limit - upper (%) 36

Vapor density > 1 (Air = 1)

Solubility(ies) Negligible.

Auto-ignition temperature 489 °F (254 °C)

Viscosity Not available.

10. Stability and reactivity

Reactivity Non-reactive

Potential of hazardous reactions No

Incompatible materials Strong oxidizing agents.

Chemical stability Stable

Conditions to avoid Heat, flames and sparks. Incompatible materials.

Hazardous decomposition products Carbon oxides. Formaldehyde.

11. Toxicological information

Information on likely routes of exposure:

Inhalation May cause damage to organs by inhalation. May cause drowsiness, dizziness, headache, nausea, or vomiting.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Ingestion Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration hazard. Narcotic effects. Severe eye irritation. Skin irritation. Swallowing may cause blindness.

Information on toxicological effects:

Acute toxicity May be fatal if swallowed and enters airways.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization Not expected to cause skin sensitization.

Carcinogenicity Suspected of causing cancer.

methyl isobutyl ketone IARC 2B (Possibly carcinogenic to humans)

Reproductive toxicity Suspected of damaging fertility.

Aspiration hazard May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.

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.

Hazardous waste code D001: Waste Flammable liquid

14. Transport information

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

15. Regulatory information

SARA 313 cyclohexane, methanol, methyl isobutyl ketone, n-hexane

See full SDS for additional information

16. Other information

Issue date 26-DEC-17

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