

DIRECCIONES: Lea toda la etiqueta antes de utilizar este producto. 1. Por seguridad personal, no aplique mientras el equipo está energizado. 2. No use en plásticos modernos tales como LEXAN®, ABS y Noryl®. No lo utilice en superficies sensibles a la corrosión. Use un limpiador de precisión de CRC. 3. Corte o desconecte el suministro de energía y asegúrese de haber eliminado toda la energía almacenada. 4. Con Para superficies extremadamente sucias o corroídas: cepille con un producto abrasivo suave antes de usar Chlor-Free®. 5. Rocíe Rocíe hasta que quede limpio y deje que el limpiador desaparezca de la superficie. Utilice un patrón de rocío 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.

INSTRUCCIONES: Lea toda la etiqueta antes de utilizar este producto. 1. Por razones de seguridad personal, no aplique el producto mientras el equipo está conectado. 2. No utilice sobre plásticos modernos tales como LEXAN®, ABS y Noryl®. No lo utilice en superficies sensibles a la corrosión. Use un limpiador de precisión de CRC. 3. Corte o desconecte el suministro de energía y asegúrese de haber eliminado toda la energía almacenada. 4. Con Para superficies extremadamente sucias o corroídas: cepille con un producto abrasivo suave antes de usar Chlor-Free®. 5. Rocíe Rocíe hasta que quede limpio y deje que el limpiador desaparezca de la superficie. Utilice un patrón de rocío 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: Highly flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. Causes damage to organs (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. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. 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. Do not breathe mist or vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.

First Aid: If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical attention. Wash contaminated clothing before reuse. If exposed or concerned: Get medical attention.

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DANGER: POISON. Cannot be made nonpoisonous. Contains Cyclohexane (110-82-7), Ethanol (64-17-5), Methanol (67-56-1), 2-Methylpentane (107-83-5), Isopropyl alcohol (67-63-0), n-Hexane (110-54-3) and Methyl isobutyl ketone (108-10-1). This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. 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. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

Peligro: Líquido y vapores muy inflamables. Nocivo en caso de ingestión. Puede ser mortal en caso de ingestión y de penetración en las vías respiratorias. Provoca irritación cutánea. Puede provocar somnolencia o vértigo. Susceptible de provocar cáncer. Susceptible de perjudicar la fertilidad. Provoca daños en los órganos (ojos).

Consejos de Prudencia: Recabar instrucciones especiales antes de su uso. No manipular antes de haber leído y comprendido todas las precauciones de seguridad. Mantener lejos de calor/chispas/llamas al descubierto/superficies calientes. - No fumar. Contenedores a tierra / en depósito y equipos de recepción. Utilizar un material eléctrico, de ventilación o de iluminación antideflagrante. No utilizar herramientas que produzcan chispas. Tomar medidas de precaución contra las descargas electrostáticas. 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 está secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. No comer, beber o fumar al manipular el producto. Lávese cuidadosamente después de la manipulación. Usar guantes /indumentaria protectora/equipo de protección para los ojos/la cara. Almacenar en un lugar bien ventilado. Mantener el recipiente herméticamente cerrado. Mantener fresco. Guardar bajo llave. Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales pertinentes. En caso de incendio: No utilizar agua a presión, puede extender el incendio.

Primeros Auxilios: En caso de ingestión: Llamar inmediatamente a un centro de toxicología o a un médico. Enjuáguese la boca. No provoque vómitos. 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 TOXICOLOGIA o a un médico si la persona se encuentra mal. En caso de contacto con la piel (o el pelo): Quitar inmediatamente la ropa contaminada. Enjuagar la piel con agua/ducharse. Si ocurre irritación de la piel: Busque atención médica. Lave la ropa contaminada antes de volver a usar. En caso de exposición demostrada o sospecha: Busque atención médica.

PELIGRO, VENENO. No puede convertirse en no venenoso. Este producto contiene un componente químico que en el Estado de California se conoce como una causa de cáncer y defectos de nacimiento u otros daños reproductivos. 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 conduce la electricidad. Mantenga fuera del alcance de todas las fuentes eléctricas vivas, incluso bornes de baterías, solenoides, tableros eléctricos y otros componentes electrónicos. Pasar por alto esta advertencia puede derivar en lesiones graves provocadas por fuego explosivo y/o descarga eléctrica.

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) • 215-442-6260 (SDS) www.crcindustries.com



Chlor-Free® Degreaser Non-Chlorinated Grease Desengrasante No Clorado

Fast Evaporation
Leaves No Residue
Removes Grease and Oil

Rápida Evaporación
No Deja Residuos
Elimina la Grasa y el Aceite

**DANGER: EXTREMELY FLAMMABLE.
HARMFUL OR FATAL IF SWALLOWED.
MAY CAUSE BLINDNESS IF SWALLOWED.
VAPOR HARMFUL. CAUSES SKIN
IRRITATION. KEEP AWAY FROM
CHILDREN.** Read warnings on back panel.

**PELIGRO: EXTREMAMENTE
INFLAMABLE. SU INGESTIÓN ES
PERJUDICIAL O MORTAL. PUEDE
PROVOCAR CEGUERA SI ES TRAGADO.
VAPOR DAÑINO. PROVOCA IRRITACIÓN
CUTÁNEA. MANTENGA FUERA DEL
ALCANCE DE LOS NIÑOS.**
Lea las advertencias en el dorso.



No. 03189

14 fl oz (414 mL)



Nonfood Compounds
Program Listed
Category Code: K2
Reg.# 017205



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): Resque (NO CORTE) la etiqueta siguiendo estas perforaciones y dóblala 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

Product code 03189

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 liquids (Category 2)
Health hazards	Acute toxicity, oral (Category 4)
	Skin corrosion/irritation (Category 2)
	Carcinogenicity (Category 2)
	Reproductive toxicity (Category 2 fertility)
	Specific target organ toxicity, single exposure (Category 1)
	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	%	Chemical name	CAS number	%
Cyclohexane	110-82-7	70 – 80	Isopropyl alcohol	67-63-0	1 – 3
Ethanol	64-17-5	5 – 10	n-Hexane	110-54-3	< 1
Methanol	67-56-1	3 – 5	Methyl isobutyl ketone	108-10-1	< 0.2
2-Methylpentane	107-83-5	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. 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 May cause drowsiness, dizziness, headache, nausea and vomiting. Skin and severe eye irritation. Aspiration may cause pulmonary edema and pneumonitis.

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 Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. 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. Local authorities should be advised if significant spillages cannot be contained.

Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. Absorb in vermiculite, dry sand, earth or other absorbent material and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

7. Handling and storage

Handling Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product.

Storage Keep away from heat, sparks and open flame. Eliminate sources of ignition. Avoid spark promoters. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value	Components	Type	Value
Cyclohexane	TWA	100 ppm	Methyl isobutyl ketone	TWA	20 ppm
Ethanol	PEL	1000 ppm	n-Hexane	TWA	50 ppm
Isopropyl alcohol	TWA	200 ppm	2-Methylpentane	TWA	500 ppm
Methanol	TWA	200 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 Rubber. 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 Clear 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 140 hPa

Relative density 0.76

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

Auto-ignition temperature 473 °F (245 °C)

Decomposition temperature Not available.

Viscosity Not available.

VOC (Weight %): 100% (6.4 lbs/gal, 760.9 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.

10. Stability and reactivity

Reactivity Non-reactive

Chemical stability Stable

Possibility of hazardous reactions No

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

Incompatible materials Strong oxidizing agents. Oxygen. Chlorates. Nitrates. Peroxides.

Hazardous decomposition products Carbon oxides. Hydrocarbons.

11. Toxicological information

Information on likely routes of exposure:

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

Inhalation May cause damage to organs by inhalation. May cause drowsiness and dizziness.

Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact Causes skin irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration hazard. Narcotic effects. Irritation of eyes and mucous membranes. Skin irritation. Swallowing may cause blindness.

Information on toxicological effects:

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Respiratory sensitization Not available.

Skin sensitization Not expected to cause skin sensitization.

Carcinogenicity Suspected of causing cancer.

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. Prolonged exposure may cause chronic effects.

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

See full SDS for additional information

16. Other information

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