

# CRC Dielectric Grease

**DIRECTIONS:** Read entire label before using this product. 1. Do not apply while equipment is energized. 2. Shut off power supply, be sure all stored power is drained from system and allow hot surfaces to cool before using this product. 3. Shake can well before using. 4. Spray a light, even film on areas requiring lubrication or protection. 5. If necessary, repeat step 4 until desired film thickness is attained.

**INSTRUCCIONES:** Lea toda la etiqueta antes de usar este producto. 1. No aplique el producto mientras el equipo esté conectado. 2. Corte el suministro de energía, asegúrese de que se haya agotado sistema toda la energía almacenada en el sistema y deje entrar las superficies calientes antes de utilizar este producto. 3. Agite bien la lata antes de usar. 4. Rocíe una capa ligera y pareja sobre las áreas que requieren lubricación o protección. 5. Si fuera necesario, repita el paso 4 hasta alcanzar el espesor deseado de la capa.

**Danger:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure.



**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. Do not apply while equipment is energized. Pressurized container. Do not pierce or burn, even after use. 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. Do not breathe gas, mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands 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. 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. Do NOT induce vomiting. 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 exposed or concerned: Get medical attention.

Contains Liquefied petroleum gas (68476-86-8), Hexane isomers (64742-49-0/107-83-5), Polydimethylsiloxane (63148-62-9), Heptane isomers (142-82-5/5389-34-4), Cyclohexane (110-82-7), Methylcyclohexane (108-97-2) and n-Hexane (110-54-3). This product contains chemicals 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:** Aerosol extremadamente inflamable. Contiene gas a presión; puede explotar si se calienta. Puede ser mortal en caso de ingestión y de penetración en las vías respiratorias. Provoca irritación cutánea. Puede provocar somnolencia o vértigo. Susceptible de perjudicar la fertilidad. Puede provocar daños en los órganos tras exposiciones prolongadas o repetidas. Tóxico para los organismos acuáticos. Tóxico para los organismos acuáticos, con efectos nocivos duraderos.

**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/lamas al descubierto/superficies calientes. - No fumar. No rocíe sobre una llama abierta u otra fuente de ignición. No aplique el producto sobre un equipo conectado. Recipiente presurizado: No perforar ni quemar, aun después del uso. Aquece 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. No respire gases. No respire neblina o vapor. Usar guantes/indumentaria protectora/equipo de protección para los ojos/la cara. Lavarse las manos cuidadosamente después de la manipulación. No dispersar en el medio ambiente. Almacenar en lugar bien ventilado. Guardar bajo llave. Proteger de la luz solar. No exponer a temperaturas superiores 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. No provoque vómitos. 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 exposición demostrada o sospecha: Busque atención médica.

Este producto contiene componentes químicos 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 bombes 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.

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800-521-3168 (technical information) • 800-272-4620 (Customer Care) • 215-442-6260 (SDS) www.crcindustries.com



# Dielectric Grease

## Grasa Dieléctrica

Protects Electrical Contacts  
Lubricates and Seals O-Rings  
Prevents Rust and Corrosion

Protege los Contactos Eléctricos  
Lubrica y Sella las Juntas Tóricas  
Evita el Óxido y la Corrosión



Nonfood Compounds  
Program Listed  
Category Code: H1  
Reg.# 130626



**DANGER: EXTREMELY FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. CONTENTS UNDER PRESSURE. KEEP AWAY FROM CHILDREN. Read warnings on back panel.**

**PELIGRO: EXTREMAMENTE INFLAMABLE. SU INGESTIÓN ES PERJUDICIAL O MORTAL. CONTENIDO BAJO PRESIÓN. MANTENGA FUERA DEL ALCANCE DE LOS NIÑOS. Lea las advertencias en el dorso.**



**No. 02083**  
**Net Wt./Peso Neto**  
**10 oz (284 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 dóblela hacia atrás. Al terminar, vuelva a pegar la etiqueta. No la retire completamente hasta que la lata esté vacía.

## 1. Identification

**Product identifier:** Dielectric Grease

**Product code:** 02063

**Recommended use:** Lubricating and insulating electrical components

**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 (Liquefied gas)

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

Reproductive toxicity (Category 2 fertility)

Specific target organ toxicity, single exposure

(Category 3 narcotic effects)

Specific target organ toxicity, repeated exposure (Category 2)

Aspiration hazard (Category 1)

**Label elements (see front side of label)**

## 3. Composition/information on ingredients

**Hazardous components**

Chemical name	CAS number	%
Liquefied petroleum gas	68476-86-8	20 – 30
2-Methylpentane	107-83-5	10 – 20
Hydrotreated light naphtha	64742-49-0	10 – 20
Polydimethylsiloxane	63148-62-9	10 – 20
n-Heptane	142-82-5	5 – 10
3-Methylhexane	589-34-4	3 – 5
Cyclohexane	110-82-7	1 – 3
Methylcyclohexane	108-87-2	1 – 3
n-Hexane	110-54-3	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:** Rinse skin with water/shower. If skin irritation occurs: Get medical attention.

Take off contaminated clothing and wash before reuse.

**Eye contact:** Rinse with plenty of water. 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:** Skin irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness, drowsiness and nausea.

**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 spray, Water fog, Foam, Dry chemical powder, Carbon dioxide, Sand, Earth.

**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 explode 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. Material will float and may ignite on surface of water.

**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. Clean surface thoroughly to remove residual contamination. Prevent entry into waterways, sewer, basements or confined areas. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

**Handling:** Pressurized container. Do not pierce or burn, even after use. When using, do not eat, drink or smoke. Do not breathe gas, mist or vapor. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

**Storage:** Store in a cool, dry place (below 122°F/50°C) and out of direct sunlight. Store in a well-ventilated place. 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.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

Components	Type	Value	Components	Type	Value
Cyclohexane	TWA	100 ppm	n-Hexane	TWA	50 ppm
Methylcyclohexane	TWA	400 ppm	2-Methylpentane	TWA	500 ppm
n-Heptane	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 nitrile, PVC or Viton®. Wear appropriate clothing to prevent skin contact.

**Respiratory protection:** Wear positive pressure self-contained breathing apparatus (SCBA).

## 9. Physical and chemical properties

**Appearance:** Translucent to opaque liquid.

**Odor threshold:** Not available.

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

**Flash point:** < 20 °F (< -6.7 °C) Tag Closed Cup

**Explosive limit - lower (%):** 1

**Vapor pressure:** 1510 hPa

**Relative density:** 0.66

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

**Auto-ignition temperature:** 500 °F (260 °C)

**Decomposition temperature:** Not available.

**Viscosity:** Not available.

**VOC (Weight %):** 90.1% (5.3 lbs/gal, 637.1 g/l)

**Odor Solvent.**

**pH:** Not available.

**Initial boiling point:** 118 °F (48 °C)

**Evaporation rate:** Fast

**Explosive limit - upper (%):** 8

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

**Solubility(ies):** Negligible in water.

## 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 and reducing agents. Strong acids. Halogens.

Alkalils. Peroxides.

**Hazardous decomposition products:** Carbon oxides. Hydrocarbons.

## 11. Toxicological information

**Information on likely routes of exposure:**

**Ingestion:** May be fatal if swallowed and enters airways.

**Inhalation:** Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause damage to organs by inhalation.

**Skin contact:** Causes skin irritation.

**Eye contact:** Direct contact with eyes may cause temporary irritation.

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

**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:** Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

**Reproductive toxicity:** Suspected of damaging fertility.

**Aspiration hazard:** May be fatal if swallowed and enters airways.

**Chronic effects:** May cause damage to organs through prolonged or repeated exposure.

## 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**

See full SDS for additional information

## 16. Other information

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