

# 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. Cover and protect plastic and painted surfaces from overspray. Check on small area before using.
5. Spray a light, even film on areas requiring lubrication or protection.
6. If necessary, repeat step 5 until desired film thickness is attained.

### Danger

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.



### Precautionary Statements

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 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. Avoid breathing mist/vapor. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. 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 advice/attention. Take off contaminated clothing and wash it 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 advice/attention.

Contains methyl acetate 79-20-9, 1,1-difluoroethane 75-37-6, n-heptane 142-82-5, hydrotreated light naphtha 64742-49-0, and acetone 67-64-1. 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.

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800-521-3168 (Technical Info.) • 800-272-4620 (Cust. Care)

www.crcindustries.com 19A

Made in USA with Foreign and Domestic Components



**WARNING:** Cancer and Reproductive Harm -  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



# Dielectric Grease

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



Nonfood Compounds  
Program Listed: H1  
Reg.# 130626



Para obtener información  
adicional en Español,  
visite [www.crcindustries.com](http://www.crcindustries.com).

Read warnings on back panel.

No. 02083  
Item# 1003197

**Net Wt.  
10 oz (283 g)**



To view 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.

Formula item# 1751578

Rev 19A

Label item# 1751581

## 1. Identification

**Product identifier:** Dielectric Grease  
**Product code No.** 02083 (Item# 1003197)  
**Recommended use:** Lubricating and insulating electrical components  
**Restrictions:** None known.  
**Manufactured or sold by:**  
CRC Industries, Inc., 835 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)  
Serious eye damage/eye irritation (Category 2A)  
Specific target organ toxicity, single exposure  
(Category 3 respiratory tract irritation, narcotic effects)  
Aspiration hazard (Category 1)  
**Label elements (see front side of label)**

## 3. Composition/information on ingredients

Hazardous components	CAS number	%
Chemical name		
methyl acetate	79-20-9	40 – 50
1,1-difluoroethane	75-37-6	30 – 40
n-heptane	142-82-5	5 – 10
hydrotreated light naphtha	64742-49-0	3 – 5
acetone	67-64-1	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:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.  
**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 hazard. Skin, eye, and respiratory irritation. Narcotic effects.  
**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 (CO<sub>2</sub>), Dry chemical powder, 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 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. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.  
**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:** Avoid breathing mist/vapors. 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. Avoid breathing mist/vapors. Avoid contact with skin and eyes. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.  
**Storage:** Store in a cool, dry place (below 50 °C/122 °F) 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	Type	Value
Components		
acetone	TWA	250 ppm
methyl acetate	TWA	200 ppm
hydrotreated light naphtha	PEL	100 ppm
n-heptane	TWA	400 ppm
1,1-difluoroethane	TWA	1000 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 laminate film or nitrile. Wear appropriate clothing to prevent skin contact.  
**Respiratory protection:** If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus (SCBA) in confined spaces and for emergencies.

## 9. Physical and chemical properties

**Appearance:** Translucent to opaque liquid.  
**Odor:** Solvent.  
**Odor threshold:** Not available.  
**pH:** Not available.  
**Melting point/freezing point:** -144.4 °F (-98 °C)  
**Initial boiling point:** 133 °F (56.1 °C)  
**Flash point:** 3.9 °F (-15.6 °C)  
**Evaporation rate:** Fast  
**Explosive limit - lower (%):** 1  
**Explosive limit - upper (%):** 16.9  
**Vapor pressure:** 3262.2 hPa  
**Vapor density > 1 (air = 1):**  
**Relative density:** 0.89  
**Solubility(ies):** Negligible in water.  
**Partition coefficient (n-octanol/water):** Not available.  
**Auto-ignition temperature:** 500 °F (260 °C)  
**Decomposition temperature:** Not available.  
**VOC (Weight %):** 9.6% (0.71 lb/gal, 85 g/L)

## 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. Nitrates.  
**Hazardous decomposition products:** Carbon oxides, Hydrocarbons, Aldehydes, Formaldehyde.

## 11. Toxicological information

**Information on likely routes of exposure:**  
**Inhalation:** May cause drowsiness, dizziness, headache, nausea and vomiting. May cause irritation to the respiratory system.  
**Skin contact:** Causes skin irritation.  
**Eye contact:** Causes eye irritation.  
**Ingestion:** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.  
**Information on toxicological effects:**  
**Acute toxicity:** May be fatal if swallowed and enters airways.  
**Respiratory or skin sensitization:** Not a sensitizer.  
**Germ cell mutagenicity:** Not expected to cause mutagenic or genotoxic effects.  
**Carcinogenicity:** Not classifiable as to carcinogenicity to humans.  
**Reproductive toxicity:** Not expected to cause reproductive or developmental effects.  
**Specific target organ toxicity:** May cause respiratory irritation. May cause drowsiness and dizziness.  
**Aspiration hazard:** May be fatal if swallowed and enters airways.  
**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 None  
See full SDS for additional information

## 16. Other information

Issue date 22-OCT-19 CRC# 1751578 Version # 01