

# CRC® QD® Contact Cleaner

**DIRECTIONS:** Read entire label before using this product.

1. For personal safety, 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 product.
3. For optimum results, prepare heavily soiled or corroded surfaces by buffing with a mild abrasive or spray with CRC Duster™.
4. Tilt surface and spray until clean.
5. Use an intermittent spray pattern to dislodge trapped particles and allow excess cleaner to run off.
6. Use extension tube for pinpoint delivery or hard-to-reach areas.
7. Allow product to dry completely and thoroughly vent system before restoring power.

## 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.



## Precautionary Statement

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 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 before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Contains hydrotreated light naphtha 64742-49-0, 1,1-difluoroethane 75-37-6, n-heptane 142-82-5, 3-methylhexane 589-34-4, methylcyclohexane 108-87-2, 2,2,4-trimethylpentane 540-84-1, 2-methylhexane 591-76-4, 2,3-dimethylpentane 565-59-3, 3-ethylpentane 617-78-7, and 3,3-dimethylpentane 562-49-2.

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.

VOC Category: Electronic Cleaner

VOC Limit: 75%

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

Made in U.S.A. 18B  
www.crcindustries.com



# QD® Contact Cleaner

Quick Drying Formula  
Leaves No Residue  
Plastic Safe

NSF

Nonfood Compounds  
Program Listed: P1  
Reg.# 017407

S.D.[L.]  
Safety Data Label™



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

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



No. 03130  
Item# 1003407

Net Wt.  
11 oz (311 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.



## 1. Identification

**Product identifier:** QD® Contact Cleaner

**Product code** No. 03130 (Item# 1003407)

**Recommended use** Electronic cleaner

**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)

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	%
hydrotreated light naphtha	64742-49-0	30 - 40
1,1-difluoroethane	75-37-6	20 - 30
n-heptane	142-82-5	10 - 20
3-methylhexane	589-34-4	5 - 10
methylcyclohexane	108-87-2	5 - 10
2,2,4-trimethylpentane	540-84-1	3 - 5
2-methylhexane	591-76-4	3 - 5
2,3-dimethylpentane	565-59-3	1 - 3
3-ethylpentane	617-78-7	1 - 3
3,3-dimethylpentane	562-49-2	< 1

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

**Eye contact** Rinse with 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** Narcotic effects. Skin irritation. Aspiration hazard.

**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** Extremely flammable aerosol. 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. 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** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapor. 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. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

**Handling** Pressurized container: Do not pierce or burn, even after use. Avoid contact with eyes, skin, and clothing. 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. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

Components	Type	Value
2,2,4-trimethylpentane	PEL	500 ppm
methylcyclohexane	TWA	400 ppm
hydrotreated light naphtha	PEL	100 ppm
n-heptane	TWA	400 ppm
2,3-dimethylpentane	TWA	400 ppm
2-methylhexane	TWA	400 ppm
3,3-dimethylpentane	TWA	400 ppm
3-ethylpentane	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 PVA 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** Colorless liquid.

**Odor** Hydrocarbon-like.

**Odor threshold** Not available.

pH Not available.

**Melting point/freezing point** -196 °F (-127 °C)

**Initial boiling point** 180 °F (82 °C)

**Flash point** 16 °F (-9 °C)

**Evaporation rate** Very fast.

**Explosive limit - lower (%)** 0.9

**Explosive limit - upper (%)** 12

**Vapor pressure** 2004 hPa

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

**Relative density** 0.75

**Solubility(ies)** Negligible.

**Auto-ignition temperature** 509 °F (265 °C)

**Viscosity** Not available.

**VOC (Weight %):** 74.9% (4.7 lb/gal, 562 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.

**Hazardous decomposition products** Carbon oxides.

## 11. Toxicological information

**Information on likely routes of exposure:**

**Inhalation** May cause drowsiness, dizziness, headache, nausea and vomiting.

**Skin contact** Causes skin irritation.

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

**Ingestion** 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** Narcotic effects. Skin irritation. Aspiration hazard.

**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 be mutagenic or genotoxic.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** Not expected to cause reproductive or developmental effects.

**Specific target organ toxicity** 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 18-DEC-18

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