CRC® QD® Contact Cleaner, 11 Wt Oz

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 2/13/2026 Version: 1.0

SECTION 1: Identification

1.1. Identification

Trade name	:	CRC® QD® Contact Cleaner, 11 Wt Oz
Product code	:	1003407
Part number	:	03130

1.2. Recommended use and restrictions on use

Recommended use	:	Electronics cleaner
Restrictions on use	:	None known

1.3. Supplier

Manufactured or sold by:
CRC Industries, Inc.
885 Louis Dr.
Warminster, PA 18974
United States
T 1-800-556-5074
crcindustries.com

1.4. Emergency telephone number

Emergency number	:	1-800-424-9300 24-Hour Emergency

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Aerosol, Category 1	Extremely flammable aerosol. Pressurized container: may burst if heated.
Skin corrosion/irritation, Category 2	Causes skin irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	May cause drowsiness or dizziness.
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment — Acute Hazard, Category 1	Very toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 1	Very toxic to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : Extremely flammable aerosol
Pressurized container: may burst if heated
May be fatal if swallowed and enters airways
Causes skin irritation
May cause drowsiness or dizziness

Precautionary statements (GHS US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.

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.
Exposure to high temperature may cause can to burst.
Avoid breathing vapors, spray, mist.
Use only outdoors or in a well-ventilated area. 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.
Wear protective gloves.
Wash hands thoroughly after handling.
If swallowed: Immediately call a poison center or doctor.
Call a poison center or doctor if you feel unwell.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Do NOT induce vomiting.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).
Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Naphtha (petroleum), hydrotreated light	Low boiling point hydrogen treated naphtha	CAS-No.: 64742-49-0	30 – 60
Ethane, 1,1-difluoro-	HFC-152a	CAS-No.: 75-37-6	10 – 30
heptane, n-heptane	-	CAS-No.: 142-82-5	10 – 30
Hexane, 3-methyl-	3-Methylhexane	CAS-No.: 589-34-4	5 – 10
2,2,4-trimethylpentane (Constituent of petroleum naphtha)	2,2,4-Trimethylpentane	CAS-No.: 540-84-1	3 – 7
Pentane, 2,3-dimethyl-	2,3-Dimethylpentane	CAS-No.: 565-59-3	1 – 5
isopropyl alcohol	propan-2-ol	CAS-No.: 67-63-0	0.5 – 1.5

Comments : Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion : Aspiration may cause pulmonary edema and pneumonitis.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurized container may rupture when exposed to heat or flame.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment. Complete protective clothing.

Additional Regulatory Information : This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Eliminate every possible source of ignition. Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid breathing vapors, spray, mist. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage.

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Exposure to high temperature may cause can to burst. Do not use if spray button is missing or defective. Prevent the build-up of electrostatic charge. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid contact with skin and eyes. Avoid breathing vapors, spray, mist. Use only outdoors or in a well-ventilated area. 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. Wear personal protective equipment. For product usage instructions, see the product label.

Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Level 3 Aerosol. Store locked up. Keep only in original container. Store in a well-ventilated place. Keep in fireproof place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Packaging materials : Always store product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

isopropyl alcohol (67-63-0)	
USA - ACGIH® - Threshold Limit Values	
Local name	2-Propanol
ACGIH® TLV® TWA	491 mg/m³
	200 ppm
ACGIH® TLV® STEL	984 mg/m³
	400 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
USA - ACGIH® - Biological Exposure Indices	
Local name	2-Propanol
BEI	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OSHA PEL TWA	980 mg/m³
	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - NIOSH - Occupational Exposure Limits	
Local name	Isopropyl alcohol
NIOSH REL 10h TWA	400 ppm
NIOSH REL STEL	500 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

Naphtha (petroleum), hydrotreated light (64742-49-0)	
USA - ACGIH® - Threshold Limit Values	
Local name	Hexane (Commercial, <54% n-hexane)
ACGIH® TLV® TWA	100 ppm
Remark (ACGIH®)	TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025

Pentane, 2,3-dimethyl- (565-59-3)	
USA - ACGIH® - Threshold Limit Values	
Local name	2,3-Dimethylpentane

Pentane, 2,3-dimethyl- (565-59-3)	
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	400 ppm
Remark (ACGIH®)	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025

Hexane, 3-methyl- (589-34-4)	
USA - ACGIH® - Threshold Limit Values	
Local name	3-Methylhexane
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	400 ppm
Remark (ACGIH®)	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025

heptane, n-heptane (142-82-5)	
USA - ACGIH® - Threshold Limit Values	
Local name	Heptane, isomers (n-Heptane)
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	400 ppm
Remark (ACGIH®)	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
OSHA PEL TWA	2000 mg/m³
	500 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - NIOSH - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
NIOSH REL 10h TWA	85 ppm
NIOSH REL STEL	440 ppm [15-min]
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation. Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Wear protective gloves, if needed: Polyvinylalcohol (PVA). Fluoroelastomer (FKM)
Eye protection:
Wear safety glasses with side shields (or goggles).
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	Colorless
Odor	:	Hydrocarbon-like
Odor threshold	:	No data available
Melting point	:	-195.9 °F (-126.6 °C) estimated
Freezing point	:	-195.9 °F (-126.6 °C) estimated
Boiling point	:	179.6 °F (82 °C) estimated
Flammability (solid, gas)	:	Not applicable.
Explosion limits	:	No data available
Flash point	:	15.8 °F (-9 °C) estimated
Auto-ignition temperature	:	509 °F (265 °C) estimated
Decomposition temperature	:	No data available
pH	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Solubility	:	Water: Negligible
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Vapor pressure	:	No data available
Evaporation rate	:	Very fast
Density and/or relative density		
Density	:	6.2 lb/gal estimated
Relative density	:	0.75 estimated
Relative vapor density at 20°C	:	> 1 (air=1)
Particle characteristics	:	No data available
Explosive properties	:	Pressurized container: may burst if heated.
Oxidizing properties	:	No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.3. Possibility of hazardous reactions

May mass explode in fire. Heating may cause a fire or explosion.

10.4. Conditions to avoid

High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Symptoms/effects	:	May cause drowsiness or dizziness.
Symptoms/effects after inhalation	:	Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	:	Causes skin irritation.
Symptoms/effects after eye contact	:	Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	:	Aspiration may cause pulmonary edema and pneumonitis.
Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

isopropyl alcohol (67-63-0)	
LD50 oral rat	5840 mg/kg Source: ECHA
LD50 dermal rabbit	12800 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	46600 mg/l

Naphtha (petroleum), hydrotreated light (64742-49-0)	
LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 3160 mg/kg Source: IUCLID
LC50 Inhalation - Rat	> 23.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat [ppm]	73680 ppm Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	> 23300 mg/l

heptane, n-heptane (142-82-5)	
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rabbit	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat	103 mg/m³ Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 29290 mg/l

2,2,4-trimethylpentane (540-84-1)	
LD50 oral rat	> 2500 mg/kg Source: IUCLID, echemportal; HSNO CCID,TOMES;LOLI;
LD50 dermal rat	> 690 mg/kg Source: IUCLID;
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 33.52 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)
LC50 Inhalation - Rat (Vapors)	> 34.7 mg/l Source: IUCLID,TOMES;LOLI;

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : May cause drowsiness or dizziness.

isopropyl alcohol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.

Pentane, 2,3-dimethyl- (565-59-3)	
STOT-single exposure	May cause drowsiness or dizziness.

Hexane, 3-methyl- (589-34-4)	
STOT-single exposure	May cause drowsiness or dizziness.

heptane, n-heptane (142-82-5)	
STOT-single exposure	May cause drowsiness or dizziness.

2,2,4-trimethylpentane (540-84-1)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Naphtha (petroleum), hydrotreated light (64742-49-0)	
LOAEC (inhalation,rat,vapor,90 days)	16.6 mg/l air Animal: rat, Animal sex: male
NOAEC (inhalation,rat,vapor,90 days)	3.3 mg/l air Animal: rat, Animal sex: male

heptane, n-heptane (142-82-5)	
LOAEC (inhalation,rat,vapor,90 days)	16.6 mg/l air Animal: rat, Animal sex: male
NOAEC (inhalation,rat,vapor,90 days)	3.3 mg/l air Animal: rat, Animal sex: male

2,2,4-trimethylpentane (540-84-1)	
NOAEC (inhalation,rat,vapor,90 days)	24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

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

Viscosity, kinematic : No data available

Naphtha (petroleum), hydrotreated light (64742-49-0)	
Viscosity, kinematic	0.67 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

heptane, n-heptane (142-82-5)	
Viscosity, kinematic	0.641 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.

Ethane, 1,1-difluoro- (75-37-6)	
LC50 - Fish [1]	450 mg/l Source: OECD Screening Information Data Set
EC50 - Crustacea [1]	980 mg/l Source: OECD Screening Information Data Set
EC50 - Other aquatic organisms [1]	146.695 mg/l Test organisms (species): other:
LC50 - Fish [2]	719.611 mg/l Test organisms (species):
EC50 96h - Algae [1]	419 mg/l Source: OECD Screening Information Data Set

isopropyl alcohol (67-63-0)	
LC50 - Fish [1]	9640 mg/l Source: ECHA
EC50 - Other aquatic organisms [1]	13299 mg/l waterflea
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas
EC50 - Other aquatic organisms [2]	> 1000 mg/l

Naphtha (petroleum), hydrotreated light (64742-49-0)	
LC50 - Fish [1]	> 3 mg/l
LC50 - Other aquatic organisms [1]	2.6 mg/l Source: IUCLID
EC50 - Other aquatic organisms [1]	4.6 mg/l waterflea
EC50 - Other aquatic organisms [2]	10 mg/l
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Pentane, 2,3-dimethyl- (565-59-3)	
LC50 - Fish [1]	1.099 mg/l Source: Ecological Structure Activity Relationships
EC50 96h - Algae [1]	1.796 mg/l Source: Ecological Structure Activity Relationships

Hexane, 3-methyl- (589-34-4)	
LC50 - Fish [1]	2.416 mg/l Source: EPISUITE
EC50 96h - Algae [1]	1.75 mg/l Source: EPISUITE

heptane, n-heptane (142-82-5)	
LC50 - Fish [1]	5.738 mg/l Source: QSAR
EC50 - Crustacea [1]	1.5 mg/l

heptane, n-heptane (142-82-5)	
EC50 - Other aquatic organisms [1]	1.5 mg/l waterflea
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
2,2,4-trimethylpentane (540-84-1)	
LC50 - Fish [1]	1.287 mg/l Source: ECOSAR
EC50 - Crustacea [1]	0.988 mg/l Source: ECOSAR
EC50 96h - Algae [1]	1.16 mg/l Source: ECOSAR
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

CRC® QD® Contact Cleaner, 11 Wt Oz	
Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Ethane, 1,1-difluoro- (75-37-6)	
Partition coefficient n-octanol/water (Log Pow)	1.13 Source: SIDS
isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05 Source: ICSC
Naphtha (petroleum), hydrotreated light (64742-49-0)	
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
Pentane, 2,3-dimethyl- (565-59-3)	
Partition coefficient n-octanol/water (Log Pow)	3.67 Source: National Library of Medicine
Hexane, 3-methyl- (589-34-4)	
Partition coefficient n-octanol/water (Log Pow)	3.71 Source: NLM;ChemIDPlus
heptane, n-heptane (142-82-5)	
Partition coefficient n-octanol/water (Log Pow)	4.66 Source: ICSC
2,2,4-trimethylpentane (540-84-1)	
Partition coefficient n-octanol/water (Log Pow)	4.5 Source: IUCLID

12.4. Mobility in soil

Hexane, 3-methyl- (589-34-4)	
Mobility in soil	211 Source: EPISUITE
2,2,4-trimethylpentane (540-84-1)	
Mobility in soil	3543

12.5. Other adverse effects

No additional information available

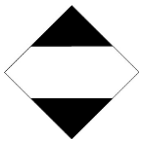
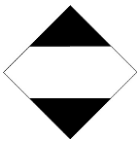
SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Do not allow to enter sewers, surface or groundwater.
Product/Packaging disposal recommendations	:	Disposal must be done according to official regulations. Full or partially-full aerosol cans can be treated as universal waste. Empty container can be recycled. Container under pressure. Do not drill or burn even after use.
Hazardous waste code	:	Possible RCRA waste code includes: D001: Ignitable Waste However, it is the generator's responsibility to determine the proper classification and disposal method at the time of disposal.
Additional information	:	Do not re-use empty containers. Contents under pressure.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
UN1950	1950	1950
14.2. Proper Shipping Name		
Aerosols (Limited quantity)	AEROSOLS (Limited quantity)	Aerosols, flammable (Limited quantity)
14.3. Transport hazard class(es)		
LTD QTY	LTD QTY	LTD QTY
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Marine Pollutant Exception		

14.6. Special precautions for user

DOT

Class (DOT)	:	2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
UN-No. (DOT)	:	UN1950
DOT Special Provisions (49 CFR 172.102)	:	N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx)	:	306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	150 kg
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	:	25 - Shade from radiant heat,87 - Stow ‘‘separated from’’ Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

IMDG

Class (IMDG)	:	2.1 - Flammable gases
Special provision (IMDG)	:	63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG)	:	SP277
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P207, LP200
Packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage)	:	S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG)	:	None
Stowage and handling (IMDG)	:	SW1, SW22
Segregation (IMDG)	:	SG69

IATA

Class (IATA)	:	2.1 - Gases : Flammable
PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Y203
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	203
PCA max net quantity (IATA)	:	75kg
CAO packing instructions (IATA)	:	203
CAO max net quantity (IATA)	:	150kg
Special provision (IATA)	:	A145, A167, A802
ERG code (IATA)	:	10L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Toxic Substances Control Act (TSCA)

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

2,2,4-trimethylpentane (540-84-1)	Listed on EPA Hazardous Air Pollutant (HAPS)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance

CERCLA Section 103 (40CFR302.4)	Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

CERCLA RQ	
2,2,4-trimethylpentane (540-84-1)	1000 lb

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)

Section 302 Extremely Hazardous Substance

Not listed

Section 304 Emergency Release Notification

Not listed

Sections 311/312 Hazard Classification

CRC® QD® Contact Cleaner, 11 Wt Oz	
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Skin corrosion or Irritation Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Aspiration hazard

Section 313 (TRI Reporting)

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

15.3. US State regulations

California Proposition 65

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

State Regulations

Component	State Regulations
Ethane, 1,1-difluoro-(75-37-6)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List
isopropyl alcohol(67-63-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List
Pentane, 2,3-dimethyl-(565-59-3)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

Component	State Regulations
Cyclohexane, methyl-(108-87-2)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List
Hexane, 3-methyl-(589-34-4)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Hexane, 2-methyl-(591-76-4)	U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
heptane, n-heptane(142-82-5)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List
2,4-dimethylhexane(589-43-5)	U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
2,2,4-trimethylpentane(540-84-1)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

15.4 Other Regulatory Information

Volatile organic compound (VOC) regulation

(EPA)

VOC content (40 CFR 51.100(s))	74.9 %
Consumer products (40 CFR 59, Subpt. C))	Not regulated.

State

Consumer products	This product is regulated as an Electronic Cleaner.This product is compliant for use in all 50 states.
VOC Content (CA)	74.9 %
VOC Content (OTC)	74.9 %

SECTION 16: Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Author : Joshua Weir

Other information : CRC # 1750971.

Safety Data Sheet (SDS), USA, CRC

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries Inc.