



CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-04-30 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name : CRC® Food Grade Dielectric Grease, 283 g
Product code : 1006170
Part number : 73082

1.2. Recommended use and restrictions on use

Recommended use : Lubricating and insulating electrical components
Restrictions on use : None known

1.3. Supplier

Manufactured or sold by:

CRC Canada Co.
83 Galaxy Blvd.
Unit 35 - 37
Toronto, ON M9W 5X6
Canada
T 416-847-7750
crcindustries.ca

1.4. Emergency telephone number

Emergency number : 800-424-9300 (CHEMTREC)
24-Hour Emergency

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Aerosol, Category 1	Extremely flammable aerosol. Pressurized container; may burst if heated.
Skin corrosion/irritation, Category 2	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	Causes serious eye irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	May cause drowsiness or dizziness.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	May cause respiratory irritation.
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment, Acute Hazard, Category 3	Harmful to aquatic life.

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : Extremely flammable aerosol
Pressurized container; may burst if heated
May be fatal if swallowed and enters airways
Causes skin irritation

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Precautionary statements (GHS CA) : Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
: 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.
Avoid breathing vapors, spray, mist.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, eye and face protection.
Wash hands thoroughly after handling.
IF SWALLOWED: Immediately call a POISON CENTER or a doctor.
Do NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or a 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 or attention.
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 50 °C/122 °F.
Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards

Other hazards which do not result in classification : Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

2.4. Unknown acute toxicity (GHS CA)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Ethane, 1,1-difluoro-	1,1-Difluoroethane (HFC-152a)	CAS-No.: 75-37-6	30 – 60
Acetic acid, methyl ester	Methyl acetate; Acetic acid methyl ester	CAS-No.: 79-20-9	30 – 60
heptane, n-heptane	heptane, n-heptane	CAS-No.: 142-82-5	5 – 10
Naphtha (petroleum), hydrotreated light	Naphtha (petroleum), hydrotreated light	CAS-No.: 64742-49-0	3 – 7
acetone, propan-2-one, propanone	acetone, propan-2-one, propanone	CAS-No.: 67-64-1	1 – 5

Comments : The exact percentage (concentration) of composition has been withheld as a trade secret.
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician 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 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.
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. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not use mouth-to-mouth method if victim ingested the substance. Call a physician immediately.
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.

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

Symptoms/effects	: May cause drowsiness or dizziness. May cause respiratory irritation.
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	: Causes eye irritation.
Symptoms/effects after ingestion	: May cause mild irritation to the digestive tract. Aspiration may cause pulmonary edema and pneumonitis.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Unsuitable extinguishing media

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

5.3. Specific hazards arising from the hazardous product

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.

5.4. 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.

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate unnecessary personnel. 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.
- Personal Precautions, Protective Equipment and Emergency Procedures : Self-contained breathing apparatus.

6.2. Methods and materials 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 up any spills as soon as possible, using an absorbent material to collect it. Clean surface thoroughly to remove residual contamination.
- Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

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 : Do not eat, drink or smoke when using this product. 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. Wear personal protective equipment. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Level 2 Aerosol. Keep in fireproof place. Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a cool, dry place out of direct sunlight.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Naphtha (petroleum), hydrotreated light (64742-49-0)

Canada (Manitoba) - Occupational Exposure Limits

Local name	Hexane (Commercial, <54% n-hexane)
------------	------------------------------------

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Naphtha (petroleum), hydrotreated light (64742-49-0)	
OEL TWA	100 ppm
Notations and remarks	TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Hexane (Commercial, <54% n-hexane)
OEL TWA	100 ppm
Notations and remarks	TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Hexane (Commercial, <54% n-hexane)
OEL TWA	100 ppm
Notations and remarks	TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Hexane (Commercial, <54% n-hexane)
OEL TWA	100 ppm
Notations and remarks	TLV® Basis: Peripheral neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
heptane, n-heptane (142-82-5)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Heptane, all isomers
OEL TWA	1640 mg/m ³ 400 ppm
OEL STEL	2050 mg/m ³ 500 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Heptane (all isomers)
VECD (OEL STEV)	500 ppm
VEMP (OEL TWA EV)	400 ppm

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

heptane, n-heptane (142-82-5)	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Heptane, Isomers
OEL TWA	400 ppm
OEL STEL	500 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Heptane, isomers (n-Heptane)
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Heptane, all isomers
OEL TWA	400 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Heptane, isomers (n-Heptane)
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Heptane, isomers (n-Heptane)
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
OEL TWA	400 ppm
OEL STEL	500 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

heptane, n-heptane (142-82-5)	
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
OEL TWA	400 ppm
OEL STEL	500 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Heptane, All isomers
OEL TWAEV	400 ppm 500 ppm
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Heptane, isomers (n-Heptane)
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: URT irr; Lung dam; CNS impair; Ototoxicity. Notations: OTO (Ototoxicant)
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Heptane (n-Heptane)
OEL TWA	400 ppm
OEL STEL	500 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
acetone, propan-2-one, propanone (67-64-1)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	1200 mg/m ³ 500 ppm
OEL STEL	1800 mg/m ³ 750 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Acetone
VECD (OEL STEV)	500 ppm
VEMP (OEL TWAEV)	250 ppm

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

acetone, propan-2-one, propanone (67-64-1)	
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	250 ppm
OEL STEL	500 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	594 mg/m ³ 250 ppm
OEL STEL	1187 mg/m ³ 500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	250 ppm
OEL STEL	500 ppm
Notations and remarks	eye irr; CNS impair; BEI
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	594 mg/m ³ 250 ppm
OEL STEL	1187 mg/m ³ 500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	594 mg/m ³ 250 ppm
OEL STEL	1187 mg/m ³ 500 ppm

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

acetone, propan-2-one, propanone (67-64-1)	
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	500 ppm
OEL STEL	750 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	500 ppm
OEL STEL	750 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Acetone
OEL TWAEV	250 ppm 500 ppm
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	594 mg/m ³ 250 ppm
OEL STEL	1187 mg/m ³ 500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	500 ppm
OEL STEL	750 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Acetic acid, methyl ester (79-20-9)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Methyl acetate

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Acetic acid, methyl ester (79-20-9)	
OEL TWA	606 mg/m ³
	200 ppm
OEL STEL	757 mg/m ³
	250 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Methyl acetate
VECD (OEL STEV)	757 mg/m ³
	250 ppm
VEMP (OEL TWA EV)	606 mg/m ³
	200 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	200 ppm
OEL STEL	250 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	606 mg/m ³
	200 ppm
OEL STEL	757 mg/m ³
	250 ppm
Notations and remarks	TLV® Basis: Headache; Dizziness; Nausea; Eye dam
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	200 ppm
OEL STEL	250 ppm
Notations and remarks	eye & URT irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	606 mg/m ³
	200 ppm
OEL STEL	757 mg/m ³

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Acetic acid, methyl ester (79-20-9)	
	250 ppm
Notations and remarks	TLV® Basis: Headache; Dizziness; Nausea; Eye dam
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	606 mg/m ³ 200 ppm
OEL STEL	757 mg/m ³ 250 ppm
Notations and remarks	TLV® Basis: Headache; Dizziness; Nausea; Eye dam
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	200 ppm
OEL STEL	250 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	200 ppm
OEL STEL	250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWAEV	200 ppm 250 ppm
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	606 mg/m ³ 200 ppm
OEL STEL	757 mg/m ³ 250 ppm
Notations and remarks	TLV® Basis: Headache; Dizziness; Nausea; Eye dam
Regulatory reference	ACGIH 2025

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Acetic acid, methyl ester (79-20-9)	
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Methyl acetate
OEL TWA	200 ppm
OEL STEL	250 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

- Appropriate engineering controls : Provide local exhaust or general room ventilation. Product to be handled in a closed system. 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 such as: Nitrile. Butyl rubber. laminate

Eye protection:

Wear safety glasses with side shields (or goggles).

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	: Off-white
Odor	: Solvent
Melting point	: -98 °C (-144.4 °F) estimated
Freezing point	: -98 °C (-144.4 °F) estimated
Boiling point	: 56.1 °C (133 °F) estimated
Flammability (solid, gas)	: Not applicable
Explosion limits	: No data available
Flash point	: -15.6 °C (3.9 °F) estimated
Auto-ignition temperature	: 265 °C (509 °F) estimated
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: No data available
Solubility	: Water: Negligible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: No data available
Evaporation rate	: Fast

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Density	: No data available
Relative density	: 0.89 estimated
Relative vapor density at 20°C	: > 1 (air=1)
Particle characteristics	: No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Extremely flammable aerosol. Pressurized container: may burst if heated.
Possibility of hazardous reactions	: May mass explode in fire. Heating may cause a fire or explosion.
Conditions to avoid	: High temperature. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials	: Strong oxidizing agents. Alkali metals. Alkaline earth metals. Powdered metals.
Hazardous decomposition products	: Carbon oxides (CO, CO ₂). Hydrocarbon fumes and smoke.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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/m ³ Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 29290 mg/l
acetone, propan-2-one, propanone (67-64-1)	
LD50 oral rat	5800 mg/kg Source: ECHA
LD50 dermal rabbit	> 7400 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	50100 mg/l
LC50 Inhalation - Rat (Vapors)	76 mg/l Source: ECHA
Acetic acid, methyl ester (79-20-9)	
LD50 oral rat	6482 mg/kg
LD50 dermal	> 2000 mg/kg body weight

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Acetic acid, methyl ester (79-20-9)	
LC50 Inhalation - Rat (Dust/Mist)	> 49200 mg/l
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
acetone, propan-2-one, propanone	
LOAEL (animal/female, F0/P)	11298 mg/kg body weight Animal: mouse, Animal sex: female
NOAEL (animal/male, F0/P)	900 mg/kg body weight Animal: rat, Animal sex: male
Acetic acid, methyl ester	
LOAEL (animal/male, F0/P)	1000 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: other:
STOT-single exposure	: May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-repeated exposure	: Not classified
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
acetone, propan-2-one, propanone (67-64-1)	
NOAEL (oral, rat, 90 days)	900 mg/kg bw/day
Acetic acid, methyl ester (79-20-9)	
NOAEC (inhalation, rat, 28 days)	6.66 mg/l
NOAEC (inhalation, rat, 90 days)	1.06 mg/l
Aspiration hazard	: May be fatal if swallowed and enters airways.
Naphtha (petroleum), hydrotreated light (64742-49-0)	
Viscosity, kinematic	0.67 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)'
heptane, n-heptane (142-82-5)	
Viscosity, kinematic	0.641 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)'
Acetic acid, methyl ester (79-20-9)	
Viscosity, kinematic	0.304 mm ² /s
Symptoms/effects	: May cause drowsiness or dizziness. May cause respiratory irritation.
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	: Causes eye irritation.
Symptoms/effects after ingestion	: May cause mild irritation to the digestive tract. Aspiration may cause pulmonary edema and pneumonitis.

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life.

Ethane, 1,1-difluoro- (75-37-6)	
LC50 - Fish [1]	450 mg/l Source: OECD Screening Information Data Set
LC50 - Fish [2]	719.611 mg/l Test organisms (species):
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:
EC50 96h - Algae [1]	419 mg/l Source: OECD Screening Information Data Set
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
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
heptane, n-heptane (142-82-5)	
LC50 - Fish [1]	5.738 mg/l Source: QSAR
EC50 - Other aquatic organisms [1]	1.5 mg/l waterflea
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
acetone, propan-2-one, propanone (67-64-1)	
LC50 - Fish [1]	5540 mg/l Source: ECHA
EC50 - Crustacea [1]	12600 – 12700 mg/l
EC50 - Other aquatic organisms [1]	12600 mg/l waterflea
EC50 - Other aquatic organisms [2]	3400 mg/l
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Acetic acid, methyl ester (79-20-9)	
LC50 - Fish [1]	320 mg/l
EC50 - Other aquatic organisms [1]	1026.7 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 120 mg/l
EC50 72h - Algae [1]	> 120 mg/l

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

12.2. Persistence and degradability

CRC® Food Grade Dielectric Grease, 283 g

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
---	-------------------

Naphtha (petroleum), hydrotreated light (64742-49-0)

Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
---	------------------------

heptane, n-heptane (142-82-5)

Partition coefficient n-octanol/water (Log Pow)	4.66 Source: ICSC
---	-------------------

acetone, propan-2-one, propanone (67-64-1)

Partition coefficient n-octanol/water (Log Pow)	-0.24 Source: ICSC
---	--------------------

Partition coefficient n-octanol/water (Log Kow)	-0.23
---	-------

Acetic acid, methyl ester (79-20-9)

Partition coefficient n-octanol/water (Log Pow)	0.18
---	------

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	: Dispose of contents/container in accordance with local/regional/national regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions. Assure that emissions are compliant with all applicable air pollution control regulations.
Sewage disposal recommendations	: Do not allow to enter sewers, surface or groundwater.
Product/Packaging disposal recommendations	: Contents under pressure. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Additional information	: Do not re-use empty containers.

SECTION 14: Transport information

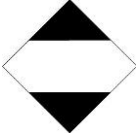
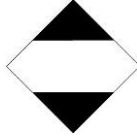

In accordance with TDG / IMDG / IATA

TDG	IMDG	IATA
14.1. UN number		
UN1950	1950	1950

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

TDG	IMDG	IATA
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		
No supplementary information available		

14.6. Special precautions for user

TDG

TDG Primary Hazard Classes	: 2.1 - Class 2.1 - Flammable Gases
UN-No. (TDG)	: UN1950
TDG Special Provisions	: 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray.
Explosive Limit and Limited Quantity Index	: 1 L
Excepted quantities (TDG)	: E0
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 75 L
Emergency Response Guide (ERG) Number	: 126

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

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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. National regulations

CRC® Food Grade Dielectric Grease, 283 g

All components of this product are listed on the DSL, NDSL, or are exempt from the inventory requirements.

Name	CAS-No.	Regulatory reference
Ethane, 1,1-difluoro-	75-37-6	Listed on the Canadian DSL (Domestic Substances List)
Naphtha (petroleum), hydrotreated light	64742-49-0	Listed on the Canadian DSL (Domestic Substances List)
heptane, n-heptane	142-82-5	Listed on the Canadian DSL (Domestic Substances List)
acetone, propan-2-one, propanone	67-64-1	Listed on the Canadian DSL (Domestic Substances List)
Acetic acid, methyl ester	79-20-9	Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Ethane, 1,1-difluoro- (75-37-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Naphtha (petroleum), hydrotreated light (64742-49-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

heptane, n-heptane (142-82-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

CRC® Food Grade Dielectric Grease, 283 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

acetone, propan-2-one, propanone (67-64-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Acetic acid, methyl ester (79-20-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.2. Other Regulatory Information

Volatile Organic Compound Concentration Limits for Certain Products Regulations: SOR/2021-268

VOC content 9.7 %

Product Category Lubricants, multi-purpose lubricants that are not solid or semi-solid.

SECTION 16: Other information

Issue date : 04-30-2025

Other information : CRC # 1751578.
Author Joshua Weir

Safety Data Sheet (SDS), Canada, 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 Canada Co.