



# CRC® Dry Lube with PTFE, 283 g

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 2025-10-31 Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Trade name : CRC® Dry Lube with PTFE, 283 g  
Product code : 1006152  
Part number : 73044

#### 1.2. Recommended use and restrictions on use

Recommended use : Dry film lubricant  
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](http://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.

Physical hazards not otherwise classified, Category 1

Causes skin irritation.

Skin corrosion/irritation, Category 2

Causes serious eye irritation.

Serious eye damage/eye irritation, Category 2A

Suspected of damaging fertility or the unborn child.

Reproductive toxicity, Category 2

May cause drowsiness or dizziness.

Specific target organ toxicity – Single exposure, Category 3, Narcosis

May be fatal if swallowed and enters airways.

Aspiration hazard, Category 1

Harmful to aquatic life.

Hazardous to the aquatic environment, Acute Hazard, Category 3

Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, Chronic Hazard, Category 3

#### 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

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### Precautionary statements (GHS CA)

May be fatal if swallowed and enters airways  
Causes skin irritation  
Causes serious eye irritation  
May cause drowsiness or dizziness  
Suspected of damaging fertility or the unborn child  
: Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
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, protective clothing, 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.  
IF exposed or concerned: Get medical advice or attention.  
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	%
Petroleum gases, liquefied, sweetened	-	CAS-No.: 68476-86-8	30 – 60
isopropyl alcohol	propan-2-ol	CAS-No.: 67-63-0	15 – 40
Naphtha (petroleum), hydrotreated light	Low boiling point hydrogen treated naphtha	CAS-No.: 64742-49-0	15 – 40
1-Butanol, titanium(4+) salt	1-Butanol, titanium(4+) salt	CAS-No.: 5593-70-4	0.5 – 1.5
Hexane	n-hexane	CAS-No.: 110-54-3	0.5 – 1.5

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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.

### 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. Get medical advice/attention if you feel unwell.

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

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. 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.

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

Symptoms/effects after skin contact : Causes skin irritation. Redness, pain.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Eliminate every possible source of ignition. Remove ignition sources. 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 : Wear appropriate protective equipment and clothing during clean-up.

#### 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 surface thoroughly to remove residual contamination. Notify authorities if product enters sewers or public waters.
- 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 : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not eat, drink or smoke when using this product. 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. 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.
- Storage area : Store away from heat.
- Packaging materials : Store always product in container of same material as original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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<b>isopropyl alcohol (67-63-0)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	2-Propanol (Isopropyl alcohol, isopropanol)
OEL TWA	492 mg/m <sup>3</sup>
	200 ppm
OEL STEL	984 mg/m <sup>3</sup>
	400 ppm
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Isopropyl alcohol
VECD (OEL STEV)	400 ppm
VEMP (OEL TWA EV)	200 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Isopropanol (Isopropyl alcohol, 2-Propanol)
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	2-Propanol
OEL TWA	491 mg/m <sup>3</sup>
	200 ppm
OEL STEL	984 mg/m <sup>3</sup>
	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
<b>Canada (New Brunswick) - Occupational Exposure Limits</b>	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	Eye & URT irr; CNS impair
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	2-Propanol
OEL TWA	491 mg/m <sup>3</sup>
	200 ppm

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<b>isopropyl alcohol (67-63-0)</b>	
OEL STEL	984 mg/m <sup>3</sup> 400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	2-Propanol
OEL TWA	491 mg/m <sup>3</sup> 200 ppm
OEL STEL	984 mg/m <sup>3</sup> 400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Isopropyl alcohol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Isopropyl alcohol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	2-Propanol
OEL TWAEV	200 ppm 400 ppm
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	2-Propanol
OEL TWA	491 mg/m <sup>3</sup> 200 ppm
OEL STEL	984 mg/m <sup>3</sup>

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<b>isopropyl alcohol (67-63-0)</b>	
	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS repair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2025
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Isopropyl alcohol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
<b>Naphtha (petroleum), hydrotreated light (64742-49-0)</b>	
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
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
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
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
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
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
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
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

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<b>Hexane (110-54-3)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWA	176 mg/m <sup>3</sup>
	50 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	n-Hexane
VEMP (OEL TWAEV)	176 mg/m <sup>3</sup>
	50 ppm
Notations and remarks	Pc
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWA	20 ppm
Notations and remarks	Skin (the substance that contribute significantly to the overall exposure by the skin route)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWA	176 mg/m <sup>3</sup>
	50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWA	176 mg/m <sup>3</sup>
	50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWA	176 mg/m <sup>3</sup>
	50 ppm

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<b>Hexane (110-54-3)</b>	
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Hexane (n-Hexane)
OEL TWA	50 ppm
OEL STEL	62.5 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Hexane (n-Hexane)
OEL TWA	50 ppm
OEL STEL	62.5 ppm
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWAEV	50 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	n-Hexane
OEL TWA	176 mg/m <sup>3</sup> 50 ppm
Notations and remarks	TLV® Basis: CNS impair; Peripheral neuropathy; Eye & URT irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2025
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Hexane (n-Hexane)
OEL TWA	50 ppm
OEL STEL	62.5 ppm
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

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<b>Petroleum gases, liquefied, sweetened (68476-86-8)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Propane
OEL TWA	1000 ppm
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Butane
VEMP (OEL TWAEV)	1900 mg/m <sup>3</sup> 800 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Propane
OEL STEL	1000 ppm
Notations and remarks	Simple asphyxiant. EX (the substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	Propane
OEL STEL	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2024
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	Propane
OEL STEL	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2024
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	Propane
OEL STEL	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2024
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Propane
OEL TWA	1000 ppm
OEL STEL	1250 ppm

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<b>Petroleum gases, liquefied, sweetened (68476-86-8)</b>	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Propane
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	Propane
OEL TWAEV	1000 ppm
Notations and remarks	See Appendix F: Minimal Oxygen Content
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	Propane
OEL STEL	1000 ppm (EX - Explosion hazard)
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2024
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Propane
OEL TWA	1000 ppm
OEL STEL	1250 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. 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 fire/flame resistant/retardant clothing.

#### Hand protection:

Wear protective gloves such as: Nitrile. Polyvinylchloride (PVC). Butyl rubber

#### Eye protection:

Wear safety glasses with side shields (or goggles).

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### 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.

### Additional Regulatory Information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Hazy white
Odor	: Alcohol
Melting point	: -153.7 °C (-244.7 °F) estimated
Freezing point	: -153.7 °C (-244.7 °F) estimated
Boiling point	: 48 °C (118.4 °F) estimated
Flammability (solid, gas)	: Not applicable
Explosion limits	: Lower explosion limit: 1 % estimated Upper explosion limit: 12 % estimated
Flash point	: < -6.7 °C (< 20 °F) Tag Closed Cup
Auto-ignition temperature	: 254 °C (489.2 °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
Density	: No data available
Relative density	: 0.65 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. Isocyanates. chlorine.
Hazardous decomposition products	: Carbon oxides (CO, CO <sub>2</sub> ).

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### 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

<b>isopropyl alcohol (67-63-0)</b>	
LD50 oral rat	5840 mg/kg Source: ECHA
LD50 dermal rabbit	12800 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	46600 mg/l
<b>1-Butanol, titanium(4+) salt (5593-70-4)</b>	
LD50 oral rat	3122 mg/kg Source: Corporate Solution From Thomson Micromedex
<b>Naphtha (petroleum), hydrotreated light (64742-49-0)</b>	
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
<b>Hexane (110-54-3)</b>	
LD50 oral rat	24 ml/kg Source: ECHA
LD50 dermal rabbit	> 3350 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 17600 mg/l
LC50 Inhalation - Rat (Vapors)	259.354 mg/l Source: ECHA
<b>Petroleum gases, liquefied, sweetened (68476-86-8)</b>	
LC50 Inhalation - Rat (Dust/Mist)	658 mg/l Source: IUCLID
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
<b>isopropyl alcohol (67-63-0)</b>	
IARC group	3 - Not classifiable
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
<b>Naphtha (petroleum), hydrotreated light (64742-49-0)</b>	
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

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<b>Hexane (110-54-3)</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
<b>Petroleum gases, liquefied, sweetened (68476-86-8)</b>	
LOAEC (inhalation, rat, gas, 90 days)	12000 ppm Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
Aspiration hazard	: May be fatal if swallowed and enters airways.
<b>Naphtha (petroleum), hydrotreated light (64742-49-0)</b>	
Viscosity, kinematic	0.67 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
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. Redness, pain.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Symptoms/effects after ingestion	: May cause mild irritation to the digestive tract. Aspiration may cause pulmonary edema and pneumonitis.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

<b>isopropyl alcohol (67-63-0)</b>	
LC50 - Fish [1]	9640 mg/l Source: ECHA
EC50 - Other aquatic organisms [1]	13299 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 1000 mg/l
<b>Naphtha (petroleum), hydrotreated light (64742-49-0)</b>	
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'
<b>Hexane (110-54-3)</b>	
LC50 - Fish [1]	> 1 mg/l Source: ECHA
EC50 - Other aquatic organisms [1]	50 mg/l waterflea

### 12.2. Persistence and degradability

<b>CRC® Dry Lube with PTFE, 283 g</b>	
Persistence and degradability	No data is available on the degradability of this product.

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### 12.3. Bioaccumulative potential

isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05 Source: ICSC
1-Butanol, titanium(4+) salt (5593-70-4)	
Partition coefficient n-octanol/water (Log Pow)	0.84 Source: ECHA
Naphtha (petroleum), hydrotreated light (64742-49-0)	
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 Source: IUCLID
Hexane (110-54-3)	
Partition coefficient n-octanol/water (Log Pow)	3.9 Source: ICSC
Petroleum gases, liquefied, sweetened (68476-86-8)	
Partition coefficient n-octanol/water (Log Pow)	≤ 2.8 Source: IUCLID

### 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.
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

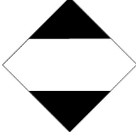


In accordance with TDG / IMDG / IATA

TDG	IMDG	IATA
14.1. UN number		
UN1950	1950	1950
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

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TDG	IMDG	IATA
		
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
No		

### 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
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

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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® Dry Lube with PTFE, 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
isopropyl alcohol	67-63-0	Listed on the Canadian DSL (Domestic Substances List)
1-Butanol, titanium(4+) salt	5593-70-4	Listed on the Canadian DSL (Domestic Substances List)
Naphtha (petroleum), hydrotreated light	64742-49-0	Listed on the Canadian DSL (Domestic Substances List)
Hexane	110-54-3	Listed on the Canadian DSL (Domestic Substances List)
Petroleum gases, liquefied, sweetened	68476-86-8	Listed on the Canadian DSL (Domestic Substances List)

#### Canada DSL & NDSL Flags

1-Butanol, titanium(4+) salt(5593-70-4)	Canada DSL & NDSL Flags	Significant New Activity (SNAc) provisions of the Act apply
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### 15.2. International regulations

#### isopropyl alcohol (67-63-0)

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

#### 1-Butanol, titanium(4+) salt (5593-70-4)

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)

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according to the Hazardous Products Regulation (WHMIS 2015)

### Hexane (110-54-3)

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

### Petroleum gases, liquefied, sweetened (68476-86-8)

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	98 %
Product Category	Not regulated.

## SECTION 16: Other information

Issue date : 10-31-2025

Other information : CRC # 670-670A/1008120-1002705.  
Author : Joshua Weir

Safety Data Sheet (SDS), Canada, CRC

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