



CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-04-01 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name : CRC® Chute Lube™ Silicone Lubricant, 14 kg
Product code : 1006191
Part number : 73205

1.2. Recommended use and restrictions on use

Recommended use : Lubricant for package handling chutes
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)

Flammable liquids, Category 3	Flammable liquid and vapor.
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment, Acute Hazard, Category 2	Toxic to aquatic life.
Hazardous to the aquatic environment, Chronic Hazard, Category 2	Toxic to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :  

Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : Flammable liquid and vapor
May be fatal if swallowed and enters airways

Precautionary statements (GHS CA) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof ventilating, lighting, electrical equipment.
Use non-sparking tools.
Take action to prevent static discharges.

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Wear protective gloves, protective clothing, eye and face protection.
IF SWALLOWED: Immediately call a POISON CENTER or a doctor.
Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national regulations.

2.3. Other hazards

No additional information available

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	%
Naphtha (petroleum), hydrotreated heavy	Naphtha (petroleum), hydrotreated heavy	CAS-No.: 64742-48-9	80 – 100
Distillates (petroleum), hydrotreated light	Distillates (petroleum), hydrotreated light	CAS-No.: 64742-47-8	3 – 7

Full text of hazard classes and H-statements : see section 16

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. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all 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 : Do not induce vomiting. Call a physician immediately. 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.

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.

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

Symptoms/effects after inhalation	: Prolonged inhalation may be harmful.
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
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

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Unsuitable extinguishing media

Unsuitable extinguishing media	: Do not use a heavy water stream.
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5.3. Specific hazards arising from the hazardous product

Fire hazard	: Flammable liquid and vapor.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.
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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 liquid spill into absorbent material. 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"

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. 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. 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.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Store locked up. 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

CRC® Chute Lube™ Silicone Lubricant, 14 kg	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	200 mg/m ³
Notations and remarks	Vapor
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA	200 mg/m ³
Notations and remarks	Non-aerosol
Canada (Ontario) - Occupational Exposure Limits	
OEL TWAEV	525 mg/m ³
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA	250 mg/m ³ 15 minute
OEL C	200 mg/m ³ 8 hour
Notations and remarks	Vapor

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

8.3. Individual protection measures/Personal protective equipment

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

Wear protective gloves such as: Polyvinylchloride (PVC). Nitrile. Fluoroelastomer (FKM)

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	: Light yellow
Odor	: Solvent
Melting point	: -60 °C (-76 °F) estimated
Freezing point	: -60 °C (-76 °F) estimated
Boiling point	: 147.8 °C (298 °F) estimated
Flammability (solid, gas)	: Not applicable
Explosion limits	: Lower explosion limit: 0.6 % estimated Upper explosion limit: 5.6 % estimated
Flash point	: 45 °C (113 °F) Tag Closed Cup
Auto-ignition temperature	: 157.2 °C (315 °F) estimated
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: No data available
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: No data available
Evaporation rate	: No data available
Density	: No data available
Relative density	: 0.75
Relative vapor density at 20°C	: No data available
Particle characteristics	: No data available

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	: Flammable liquid and vapor.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Avoid temperatures exceeding the flash point.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Carbon oxides (CO, CO ₂).

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

Distillates (petroleum), hydrotreated light (64742-47-8)	
LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat	> 5.28 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 0,42 -

Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 3160 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	> 5610 mg/l

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Distillates (petroleum), hydrotreated light	
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]

STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Distillates (petroleum), hydrotreated light (64742-47-8)	
NOAEL (oral,rat,90 days)	750 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal,rat/rabbit,90 days)	≥ 495 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard	: May be fatal if swallowed and enters airways.
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Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
Viscosity, kinematic	< 1 mm ² /s

Symptoms/effects after inhalation	: Prolonged inhalation may be harmful.
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
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.

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 12: Ecological information

12.1. Toxicity

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

Distillates (petroleum), hydrotreated light (64742-47-8)	
LC50 - Fish [1]	2.4 mg/l Source: ECOTOX
Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
LC50 - Fish [1]	2200 mg/l Source: IUCLID
LC50 - Other aquatic organisms [1]	2.6 mg/l Source: IUCLID
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 1000 mg/l

12.2. Persistence and degradability

CRC® Chute Lube™ Silicone Lubricant, 14 kg	
Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Distillates (petroleum), hydrotreated light (64742-47-8)	
Partition coefficient n-octanol/water (Log Pow)	3.3 – 6 Source: IUCLID
Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
Partition coefficient n-octanol/water (Log Pow)	2.1 – 6 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 : Disposal must be done according to official regulations.
Additional information : Flammable vapors may accumulate in the container. Do not re-use empty containers.




SECTION 14: Transport information

In accordance with TDG / IMDG / IATA

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

TDG	IMDG	IATA
14.1. UN number		
UN1268	1268	1268
14.2. Proper Shipping Name		
PETROLEUM PRODUCTS, N.O.S. (MARINE POLLUTANT)	PETROLEUM PRODUCTS, N.O.S. (MARINE POLLUTANT)	Petroleum products, n.o.s.
14.3. Transport hazard class(es)		
3	3	3
		
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Not applicable
No supplementary information available		

14.6. Special precautions for user

TDG

TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
UN-No. (TDG)	: UN1268
TDG Special Provisions	: 91 - Repealed, SOR/2017-137,92 - (1) The consignor must classify these dangerous goods on the basis of samples. (2) The consignor must make available to the Minister, on reasonable notice given by the Minister, a document that explains the sampling method and includes the following information: (a) the scope of the method; (b) the sampling apparatus; (c) the sampling procedures; (d) the frequency and conditions of sampling; and (e) a description of the quality control management system in place, 150 - An approved ERAP is required for the dangerous goods referred to in paragraph 7.2(1)(f) of Part 7 (Emergency Response Assistance Plan).
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 60 L
Emergency Response Guide (ERG) Number	: 128

IMDG

Class (IMDG)	: 3 - Flammable liquids
Special provision (IMDG)	: 223, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG) : A
Properties and observations (IMDG) : Immiscible with water.

IATA

Class (IATA) : 3 - Flammable Liquids
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provision (IATA) : A3
ERG code (IATA) : 3L

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

Name	CAS-No.	Regulatory reference
Distillates (petroleum), hydrotreated light	64742-47-8	Listed on the Canadian DSL (Domestic Substances List)
Naphtha (petroleum), hydrotreated heavy	64742-48-9	Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Distillates (petroleum), hydrotreated light (64742-47-8)

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 heavy (64742-48-9)

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 : 90.4 %
Product Category : Not regulated.

CRC® Chute Lube™ Silicone Lubricant, 14 kg

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 16: Other information

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Other information : CRC # 1002467.

Author : Joshua Weir

Safety Data Sheet (SDS), Canada, CRC

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