



# CRC® Driller Red Grease, 396 g

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 2025-03-10 Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Trade name : CRC® Driller Red Grease, 396 g  
Type of product : lubricants  
Product code : 1006212  
Part number : 73640

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

No additional information available

#### 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)

Skin corrosion/irritation, Category 2	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	Causes serious eye irritation.
Hazardous to the aquatic environment, Chronic Hazard, Category 3	Harmful 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) : Warning

Hazard statements (GHS CA) : Causes skin irritation  
Causes serious eye irritation

Precautionary statements (GHS CA) : Wear protective gloves, protective clothing, eye and face protection.  
Wash hands thoroughly after handling.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice or attention.  
Take off contaminated clothing and wash it before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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If eye irritation persists: Get medical advice or attention.  
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	%
Distillates (petroleum), hydrotreated heavy naphthenic	Distillates (petroleum), hydrotreated heavy naphthenic	CAS-No.: 64742-52-5	45 – 70
Distillates (petroleum), hydrotreated heavy paraffinic	Distillates (petroleum), hydrotreated heavy paraffinic	CAS-No.: 64742-54-7	10 – 30
(OC-6-11)Tris(N,N-dipentylcarbomodithioato-κS,κS')antimony	(OC-6-11)Tris(N,N-dipentylcarbomodithioato-κS,κS')antimony	CAS-No.: 15890-25-2	1 - 5
Lithium hydroxide	Lithium hydroxide	CAS-No.: 1310-65-2	1 - 5
Azelaic acid	Nonandioic acid ; 1,7-Heptanedicarboxylic acid Azelaic acid	CAS-No.: 123-99-9	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.

## 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.  
First-aid measures after skin contact : Wash with plenty of soap and 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. Call a poison center/doctor/physician if you feel unwell.  
First-aid measures general : If you feel unwell, seek medical advice.

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

Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : Causes skin irritation.  
Symptoms/effects after eye contact : Causes eye irritation.  
Symptoms/effects after ingestion : May be harmful if swallowed.

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### 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 chemical. 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 : Water or foam may cause frothing. Molten material can form flaming droplets if ignited. Use of water on product above 100°C (212°F) can cause product to expand with explosive force.  
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 : Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.  
Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

### 6.3. 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 : 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. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid contact with skin and eyes. For product usage instructions, see the product label.  
Hygiene measures : Wash contaminated clothing before reuse. 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.

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### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: 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

Lithium hydroxide (1310-65-2)	
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Lithium hydroxide
OEL C	1 mg/m <sup>3</sup>
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Lithium hydroxide - Anhydrous
OEL TWAEV	1 mg/m <sup>3</sup>
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833

### 8.2. Appropriate engineering controls

Appropriate engineering controls	: 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 protective gloves

#### Eye protection:

Wear safety glasses with side shields (or goggles).

#### Skin and body protection:

Wear appropriate chemical resistant 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.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Color	: Red
Odor	: Petroleum
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flammability (solid, gas)	: Non flammable.
Explosion limits	: Not applicable
Flash point	: 150 °C (302 °F) Open cup
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: Not applicable
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: < 0.01 mm Hg at 20°C
Evaporation rate	: No data available
Density	: 0.93 mg/L
Relative density	: 0.93
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	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat, sparks and flame.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and oxides of sulfur, phosphorus, zinc and/ or nitrogen.

### 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 heavy naphthenic (64742-52-5)

LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	5.53 mg/l Source: ECHA

#### Azelaic acid (123-99-9)

LD50 oral rat	> 5000 mg/kg Source: THOMSON
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<b>Azelaic acid (123-99-9)</b>	
LD50 dermal rat	> 10000 mg/kg Source: THOMSON
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 434 (Acute Dermal Toxicity - Fixed Dose Procedure)
LC50 Inhalation - Rat	> 0.1621 mg/l air Animal: rat
<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 5000 mg/kg Source: IUCLID
<b>Lithium hydroxide (1310-65-2)</b>	
LD50 oral rat	210 mg/kg Source: NLM
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: EPA OPP 81-2 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	960 mg/m <sup>3</sup> Source: NLM
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
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
<b>Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)</b>	
LOAEL (oral,rat,90 days)	125 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation,rat,dust/mist/fume,90 days)	> 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
<b>Azelaic acid (123-99-9)</b>	
NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
LOAEL (oral,rat,90 days)	125 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation,rat,dust/mist/fume,90 days)	> 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
Aspiration hazard	: Not classified
<b>CRC® Driller Red Grease, 396 g</b>	
Viscosity, kinematic	Not applicable
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

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

<b>Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)</b>	
LC50 - Fish [1]	> 5000 mg/l Source: IUCLID
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID
<b>Azelaic acid (123-99-9)</b>	
LC50 - Fish [1]	2671.028 mg/l Source: ECOSAR
EC50 - Crustacea [1]	> 21 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 67 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC (chronic)	0.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	0.64 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
LC50 - Fish [1]	> 5000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID
<b>Lithium hydroxide (1310-65-2)</b>	
LC50 - Fish [1]	109 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	62.2 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

#### 12.2. Persistence and degradability

<b>CRC® Driller Red Grease, 396 g</b>	
Persistence and degradability	No data is available on the degradability of this product.

#### 12.3. Bioaccumulative potential

<b>Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID
<b>(OC-6-11)Tris(N,N-dipentylcarbomodithioato-κS,κS')antimony (15890-25-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	12.69
<b>Azelaic acid (123-99-9)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.33
<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID

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### 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. Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : 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
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. Proper Shipping Name</b>		
Not regulated.	Not regulated.	Not regulated.
<b>14.3. Transport hazard class(es)</b>		
Not regulated.	Not regulated.	Not regulated.
<b>14.4. Packing group</b>		
Not regulated.	Not regulated.	Not regulated.
<b>14.5. Environmental hazards</b>		
No supplementary information available		

### 14.6. Special precautions for user

#### TDG

Not regulated.

:

#### IMDG

Not regulated.

:

#### IATA

Not regulated.

:

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

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. National regulations

##### Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)

Listed on the Canadian DSL (Domestic Substances List)

##### (OC-6-11)Tris(N,N-dipentylcarbomodithioato-κS,κS')antimony (15890-25-2)

Listed on the Canadian DSL (Domestic Substances List)

##### Azelaic acid (123-99-9)

Listed on the Canadian DSL (Domestic Substances List)

Canada DSL NDSL Flags

Significant New Activity (SNAc) provisions of the Act apply

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

##### Lithium hydroxide (1310-65-2)

Listed on the Canadian DSL (Domestic Substances List)

#### 15.2. International regulations

##### Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)

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

##### (OC-6-11)Tris(N,N-dipentylcarbomodithioato-κS,κS')antimony (15890-25-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

##### Azelaic acid (123-99-9)

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

##### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

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

##### Lithium hydroxide (1310-65-2)

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

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VOC content	0 %
Product Category	Not regulated.

### SECTION 16: Other information

Issue date : 03-10-2025

Author : Angelina Cibulskis

Safety Data Sheet (SDS), Canada, CRC

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