



# CRC® Multi-Purpose Food Grade Grease, 396 g

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)  
Issue date: 2025-06-10 Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Trade name : CRC® Multi-Purpose Food Grade Grease, 396 g  
Product code : 1006210  
Part number : 73600

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

Recommended use : Lubricating grease  
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)

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

Precautionary statements (GHS CA) : Observe good industrial hygiene practices.  
Wash hands thoroughly after handling.  
Store away from incompatible materials  
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

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Zinc oxide (ZnO)	zinc oxide	CAS-No.: 1314-13-2	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. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. 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. 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 : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. 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 : 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 : May cause mild irritation to the digestive tract.

#### 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 : No fire hazard.

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.

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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 : Evacuate unnecessary personnel. 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

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

#### 6.3. 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 : Ensure good ventilation of the work station. 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. 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.

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

Technical measures : Store in a well-ventilated place. Keep container tightly closed.  
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

Zinc oxide (ZnO) (1314-13-2)	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWA	2 mg/m <sup>3</sup> Respirable
OEL STEL	10 mg/m <sup>3</sup> Respirable
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Zinc, oxide
VECD (OEL STEV)	10 mg/m <sup>3</sup> Rd

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<b>Zinc oxide (ZnO) (1314-13-2)</b>	
VEMP (OEL TWAEV)	2 mg/m <sup>3</sup> Rd
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWA	2 mg/m <sup>3</sup>
OEL STEL	10 mg/m <sup>3</sup>
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWA	2 mg/m <sup>3</sup> (R - Respirable particulate matter)
OEL STEL	10 mg/m <sup>3</sup> (R - Respirable particulate matter)
Notations and remarks	TLV® Basis: Metal fume fever
Regulatory reference	ACGIH 2025
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWA	2 mg/m <sup>3</sup> (R - Respirable particulate matter)
OEL STEL	10 mg/m <sup>3</sup> (R - Respirable particulate matter)
Notations and remarks	TLV® Basis: Metal fume fever
Regulatory reference	ACGIH 2025
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWA	2 mg/m <sup>3</sup> (R - Respirable particulate matter)
OEL STEL	10 mg/m <sup>3</sup> (R - Respirable particulate matter)
Notations and remarks	TLV® Basis: Metal fume fever
Regulatory reference	ACGIH 2025
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Zinc oxide, fume and dust
OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
OEL STEL	10 mg/m <sup>3</sup> (respirable fraction)
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	Zinc oxide, fume and dust
OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
OEL STEL	10 mg/m <sup>3</sup> (respirable fraction)

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<b>Zinc oxide (ZnO) (1314-13-2)</b>	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWAEV	2 mg/m <sup>3</sup> (R - Respirable fraction)
	10 mg/m <sup>3</sup> (R - Respirable fraction)
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	Zinc oxide
OEL TWA	2 mg/m <sup>3</sup> (R - Respirable particulate matter)
OEL STEL	10 mg/m <sup>3</sup> (R - Respirable particulate matter)
Notations and remarks	TLV® Basis: Metal fume fever
Regulatory reference	ACGIH 2025
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Zinc oxide, fume and dust
OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
OEL STEL	10 mg/m <sup>3</sup> (respirable fraction)
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

### 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. Neoprene.

#### Eye protection:

Wear safety glasses with side shields (or goggles).

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Color	: White
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	: 250 °C (482 °F) estimated
Auto-ignition temperature	: 260 °C (500 °F) estimated
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: Not applicable
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	: 1.13
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	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 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

#### Zinc oxide (ZnO) (1314-13-2)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 5700 mg/m <sup>3</sup> Source: ECHA

Skin corrosion/irritation	: Not classified
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<b>Zinc oxide (ZnO) (1314-13-2)</b>	
pH	6.95 Source: HSDB
Serious eye damage/irritation	: Not classified

<b>Zinc oxide (ZnO) (1314-13-2)</b>	
pH	6.95 Source: HSDB
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>Zinc oxide (ZnO) (1314-13-2)</b>	
LOAEL (dermal,rat/rabbit,90 days)	75 mg/kg body weight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
NOAEL (oral,rat,90 days)	13.26 mg/kg bw/day
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

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Viscosity, kinematic	Not applicable
Symptoms/effects after inhalation	: None under normal conditions.
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	: May cause mild irritation to the digestive tract.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

<b>Zinc oxide (ZnO) (1314-13-2)</b>	
LC50 - Fish [1]	169 µg/l
EC50 - Crustacea [1]	416 µg/l
NOEC chronic fish	39 µg/l
NOEC chronic crustacea	39 µg/l

### 12.2. Persistence and degradability

<b>CRC® Multi-Purpose Food Grade Grease, 396 g</b>	
Persistence and degradability	No data is available on the degradability of this product.

### 12.3. Bioaccumulative potential

<b>Zinc oxide (ZnO) (1314-13-2)</b>	
BCF - Fish [1]	2.92 – 69.48 l/kg

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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.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
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>		
Not regulated.	Not regulated.	Not applicable
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

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

Name	CAS-No.	Regulatory reference
Zinc oxide (ZnO)	1314-13-2	Listed on the Canadian DSL (Domestic Substances List)

#### 15.2. International regulations

##### Zinc oxide (ZnO) (1314-13-2)

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

VOC content	0 %
Product Category	Not regulated.

### SECTION 16: Other information

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Author : Joshua Weir

Safety Data Sheet (SDS), Canada, CRC

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