



CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-09-18 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name : CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g
Product code : 1006188
Part number : 73190

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

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.

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, eye and face protection.
Wash hands thoroughly after handling.
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.

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

If skin irritation occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
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	60 – 80
Lithium hydroxide monohydrate	Lithium hydroxide	CAS-No.: 1310-66-3	1 – 10
Residual oils (petroleum) solvent-refined	Residual oils (petroleum), solvent-refined	CAS-No.: 64742-01-4	1 – 10
Antimony diamyldithiocarbamate	(OC-6-11)Tris(N,N-dipentylcarbamo-dithioato-κS,κS')antimony	CAS-No.: 15890-25-2	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. If you feel unwell, seek medical advice.

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. Never give anything by mouth to an unconscious person. Do not induce vomiting without advice from poison control center. Call a poison center or a doctor 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 : Causes skin irritation.

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

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Symptoms/effects after ingestion : None under normal conditions.

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.
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

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.
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. Avoid contact with skin and eyes. 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. Wash contaminated clothing before reuse.

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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 monohydrate (1310-66-3)	
Canada (Ontario) - Occupational Exposure Limits	
Local name	Lithium hydroxide - Monohydrate
OEL TWAEV	1 mg/m ³
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Ontario table of occupational exposure limits
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	5 mg/m ³ mist
OEL STEL	10 mg/m ³ mist
Canada (Quebec) - Occupational Exposure Limits	
VECD (OEL STEV)	10 mg/m ³ mist
VEMP (OEL TWAEV)	5 mg/m ³ mist
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA	5 mg/m ³ Inhalable fraction

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: Latex. Rubber.

Eye protection:

Wear safety glasses with side shields (or goggles).

Skin and body protection:

Wear suitable protective clothing

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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	: Red
Odor	: Mild petroleum.
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: 360 °C (680 °F) estimated
Flammability (solid, gas)	: Non flammable.
Explosion limits	: Not applicable
Flash point	: 150 °C (302.0 °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: Negligible
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: No data available
Evaporation rate	: Slow
Density	: No data available
Relative density	: 0.93
Relative vapor density at 20°C	: > 10 (air=1)
Particle characteristics	: No data available

9.2. Additional Regulatory Information

Additional information	: Form : Semi-Solid
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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	: Carbon oxides (CO, CO ₂). Hydrocarbon fumes and smoke. nitrogen compounds. Phosphorus oxides. Sulfur oxides (SO _x). Zinc.

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

Lithium hydroxide monohydrate (1310-66-3)

LD50 oral rat	210 mg/kg Source: RTECS
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CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Residual oils (petroleum) solvent-refined (64742-01-4)	
LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	2.18 mg/l Source: IUCLID
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
Skin corrosion/irritation	: Causes skin irritation.
Lithium hydroxide monohydrate (1310-66-3)	
pH	14
Serious eye damage/irritation	: Causes serious eye irritation.
Lithium hydroxide monohydrate (1310-66-3)	
pH	14
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
Residual oils (petroleum) solvent-refined (64742-01-4)	
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)
Distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
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
CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g	
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 serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Symptoms/effects after ingestion	: None under normal conditions.

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Residual oils (petroleum) solvent-refined (64742-01-4)

LC50 - Fish [1]	> 5000 mg/l Source: IUCLID
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID

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

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

12.2. Persistence and degradability

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Persistence and degradability : No data is available on the degradability of this product.

12.3. Bioaccumulative potential

Antimony diamyldithiocarbamate (15890-25-2)

Partition coefficient n-octanol/water (Log Pow) : 12.69

Residual oils (petroleum) solvent-refined (64742-01-4)

Partition coefficient n-octanol/water (Log Pow) : 3.6 – 6 Source: IUCLID

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

Partition coefficient n-octanol/water (Log Pow) : 3.9 – 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 : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

SECTION 14: Transport information

In accordance with TDG / IMDG / IATA

TDG	IMDG	IATA
14.1. UN number		
Not regulated.	Not regulated.	Not regulated.
14.2. Proper Shipping Name		
Not regulated.	Not regulated.	Not regulated.
14.3. Transport hazard class(es)		
Not regulated.	Not regulated.	Not regulated.
14.4. Packing group		
Not regulated.	Not regulated.	Not regulated.
14.5. Environmental hazards		
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

SECTION 15: Regulatory information

15.1. National regulations

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

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

Name	CAS-No.	Regulatory reference
Antimony diamylthiocarbamate	15890-25-2	Listed on the Canadian DSL (Domestic Substances List)
Lithium hydroxide monohydrate	1310-66-3	Not listed on the Canadian DSL (Domestic Substances List)
Residual oils (petroleum) solvent-refined	64742-01-4	Listed on the Canadian DSL (Domestic Substances List)

CRC® Sta-Plex™ Extreme Pressure Premium Red Grease, 396 g

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	Listed on the Canadian DSL (Domestic Substances List)
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15.2. International regulations

Antimony diamylthiocarbamate (15890-25-2)

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

Residual oils (petroleum) solvent-refined (64742-01-4)

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

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)

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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