



CRC® Compressor Oil, 3.78 L

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2025-07-31 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Trade name : CRC® Compressor Oil, 3.78 L
Product code : 1006351
Part number : 75133

1.2. Recommended use and restrictions on use

Recommended use : Compressor oil
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)

Not classified

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

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % |
|---|---|---------------------|---------|
| Distillates (petroleum), solvent-refined heavy naphthenic | Distillates, petroleum, solvent-refined heavy naphthenic | CAS-No.: 64741-96-4 | 60 – 80 |
| Distillates (petroleum), hydrotreated light naphthenic | Distillates (petroleum), hydrotreated light naphthenic | CAS-No.: 64742-53-6 | 15 – 40 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | Distillates (petroleum), solvent-dewaxed heavy paraffinic | CAS-No.: 64742-65-0 | 1 – 5 |
| Kerosine (petroleum) | Kerosine ; Kerosene | CAS-No.: 8008-20-6 | 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 plenty of water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. 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 : 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 : 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.

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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.

6.2. Methods and materials for containment and cleaning up

- For containment : Stop leak, if possible without risk. Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- 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. 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

- Storage conditions : Keep cool. Protect from sunlight. 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

| Kerosine (petroleum) (8008-20-6) | |
|---|--|
| Canada (Alberta) - Occupational Exposure Limits | |
| Local name | Kerosene/Jet fuels, as total hydrocarbon vapour |
| OEL TWA | 200 mg/m ³ |
| Notations and remarks | Substance may be readily absorbed through intact skin. |
| Regulatory reference | Alberta Regulation 191/2021 |

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| Kerosine (petroleum) (8008-20-6) | |
|--|---|
| Canada (Quebec) - Occupational Exposure Limits | |
| Local name | Kerosene |
| VEMP (OEL TWAEV) | 200 mg/m ³ |
| Notations and remarks | C3, Pc |
| Regulatory reference | S-2.1, r. 13 - Regulation respecting occupational health and safety |
| Canada (British Columbia) - Occupational Exposure Limits | |
| Local name | Kerosene/Jet fuels, as total hydrocarbon vapour |
| OEL TWA | 200 mg/m ³ (P) - application restricted to conditions in which there are negligible aerosol exposures |
| 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) |
| Canada (Nunavut) - Occupational Exposure Limits | |
| Local name | Kerosene /Jet fuels, as total hydrocarbon vapour |
| OEL TWA | 200 mg/m ³ |
| OEL STEL | 250 mg/m ³ |
| Notations and remarks | Skin |
| Regulatory reference | Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021) |
| Canada (Northwest Territories) - Occupational Exposure Limits | |
| Local name | Kerosene /Jet fuels, as total hydrocarbon vapour |
| OEL TWA | 200 mg/m ³ |
| OEL STEL | 250 mg/m ³ |
| Notations and remarks | Skin |
| Regulatory reference | Occupation Health and Safety Regulations R-039-2015 (R-090-2024) |
| Canada (Ontario) - Occupational Exposure Limits | |
| Local name | Kerosene / Jet fuels, as total hydrocarbon vapour |
| OEL TWAEV | 200 mg/m ³ (P) |
| Notations and remarks | Skin (P) Application restricted to conditions in which there are negligible aerosol exposures. |
| 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 |
| Canada (Saskatchewan) - Occupational Exposure Limits | |
| Local name | Kerosene /Jet fuels, as total hydrocarbon vapour |
| OEL TWA | 200 mg/m ³ |

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| | |
|---|---|
| Kerosine (petroleum) (8008-20-6) | |
| OEL STEL | 250 mg/m ³ |
| Notations and remarks | Skin |
| 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. Polyvinylchloride (PVC)

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Amber
Odor : Mild petroleum.
Melting point : Not applicable
Freezing point : No data available
Boiling point : 175 °C (347 °F)
Flammability (solid, gas) : Not applicable
Explosion limits : No data available
Flash point : 176.7 °C (350 °F) estimated
Auto-ignition temperature : 210 °C (410 °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 : Very Slow

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| | |
|--------------------------------|-------------------------|
| Density | : No data available |
| Relative density | : 0.9 – 0.92 |
| Relative vapor density at 20°C | : > 5 (air=1) estimated |
| 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 |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | |
|---|--|
| 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 |
| Kerosine (petroleum) (8008-20-6) | |
| LD50 oral rat | > 5000 mg/kg Source: ECHA |
| LD50 dermal rabbit | > 2000 mg/kg Source: ECHA |
| LC50 Inhalation - Rat | > 5.28 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 0,42 - |
| LC50 Inhalation - Rat (Vapors) | > 5.28 mg/l Source: ECHA |
| Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) | |
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat | 2.18 mg/l |
| Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4) | |
| 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 |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |

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| | |
|-----------------------------------|------------------|
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |

| | |
|-----------------------------|--|
| Kerosine (petroleum) | |
| 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), solvent-dewaxed heavy paraffinic (64742-65-0) | |
| 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) |

| | |
|---|--|
| Kerosine (petroleum) (8008-20-6) | |
| 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) |

| | |
|--|--|
| Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) | |
| 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), solvent-refined heavy naphthenic (64741-96-4) | |
| 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) |

| | |
|-------------------------------------|--|
| Aspiration hazard | : Not classified |
| 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 | : None under normal conditions. |

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. |
|-------------------|--|

| | |
|---|----------------------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | |
| 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 |

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| Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) | |
|---|----------------------------|
| 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 |
| Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4) | |
| LC50 - Fish [1] | > 5000 mg/l Source: IUCLID |
| EC50 - Crustacea [1] | > 1000 mg/l Source: IUCLID |

12.2. Persistence and degradability

| CRC® Compressor Oil, 3.78 L | |
|------------------------------------|--|
| Persistence and degradability | No data is available on the degradability of this product. |

12.3. Bioaccumulative potential

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) | |
|---|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |
| Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) | |
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |
| Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4) | |
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |

12.4. Mobility in soil

| Kerosine (petroleum) (8008-20-6) | |
|---|--------------------------|
| Mobility in soil | 670 – 50000 Source: HSDB |

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

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| 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

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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 |
|---|------------|---|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | Listed on the Canadian DSL (Domestic Substances List) |
| Kerosine (petroleum) | 8008-20-6 | Listed on the Canadian DSL (Domestic Substances List) |
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | Listed on the Canadian DSL (Domestic Substances List) |
| Distillates (petroleum), solvent-refined heavy naphthenic | 64741-96-4 | Listed on the Canadian DSL (Domestic Substances List) |

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15.2. International regulations

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

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

Kerosine (petroleum) (8008-20-6)

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 light naphthenic (64742-53-6)

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

Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)

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

Issue date : 07-31-2025

Author Joshua Weir

Safety Data Sheet (SDS), Canada, CRC

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