



SAFETY DATA SHEET

KLONDIKE SAE 30 Non-Detergent Oil

1 Identification

| | |
|--|--|
| Product Identifier | KLONDIKE SAE 30 Non-Detergent Oil |
| Product Code | SAE 30 Non-Detergent Oil |
| Other means of identification | |
| Synonyms | No data available |
| Recommended use and restrictions on use | |
| Recommended use | Form Oil |
| Restrictions on use | Uses other than those described above |
| Initial Supplier Identifier | KLONDIKE Lubricants Corporation |
| | 3078 275th Street |
| | Langley, BC, V4W 3L4 |
| | Canada |
| Telephone | General information 1-877-293-4691 |
| Website | www.klondikelubricants.com |
| Email | info@klondikelubricants.com |
| Emergency phone number | Chemtrec (Within US) 1-800-424-9300 Chemtrec (International) 1-703-527-3887 |

2 Hazard identification

Classification of the hazardous product, namely the appropriate category or subcategory of the hazard class identified in Subparts 2 to 19 of Part 7 or Subparts 1 to 11 of Part 8, or a name that is its substantive equivalent, or for Subpart 20 of Part 7 and Subpart 12 of Part 8, the category of the hazard class or a description of the identified hazard

Not classified as hazardous under WHMIS 2015

Information elements referred to in section 3 of Annex 3 of the GHS and in paragraphs 3(1)(d) to (f) of these Regulations for each of those categories or subcategories. If the required information element is a symbol, either the name of the symbol or the symbol itself may be used

Hazard statements Not applicable

Other hazards known to the supplier with respect to the hazardous product

Physical hazards not otherwise classified None Known

Health hazards not otherwise classified None Known

3 Composition/information on ingredients

| Chemical Name | Common name and synonyms | CAS registry number and any unique identifiers | Concentration |
|--|--------------------------|--|---------------|
| Petroleum distillates, hydrotreated heavy naphthenic | No data available | 64742-52-5 | 100 |

4 First-aid measures

A description of necessary first aid measures, subdivided according to the different routes of exposure (inhalation, ingestion, skin and eye contact)

| | |
|---------------------|--|
| Inhalation | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. |
| Eye contact | No data available |
| Skin Contact | No data available |
| Ingestion | No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS. |

The most important symptoms and effects, whether acute or delayed

None Known

An indication of immediate medical attention and special treatment needed, if necessary

No additional first aid information available.

5 Fire-fighting measures

Suitable and unsuitable extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid. |
| Unsuitable extinguishing media | No data available |

Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Hazardous Combustion Products

Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for firefighters

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

No health effects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

Methods and materials for containment and cleaning up

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

7 Handling and storage

Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage

Store in a cool dry place. Isolate from incompatible materials.

Materials to Avoid/Chemical Incompatibility

Strong oxidizing agents

8 Exposure controls/personal protection

Control parameters, including occupational exposure limit values or biological limit values and the source of those values

Canada – Alberta – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – British Columbia– Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Manitoba – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – New Brunswick – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Newfoundland & Labrador – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Northwest Territories – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Nova Scotia – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Nunavut – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Ontario – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Prince Edward Island – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Quebec – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAEVs | Occupational Exposure Limits - STEVs | Occupational Exposure Limits - Ceiling |
|-------------------|---------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada – Saskatchewan – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

Canada - Yukon – Occupational Exposure Limits

| Chemical Name | Occupational Exposure Limits - TWAs | Occupational Exposure Limits - STELs | Occupational Exposure Limits - Ceiling |
|-------------------|-------------------------------------|--------------------------------------|--|
| No data available | | | |

| Chemical Name | OSHA PEL | ACGIH TLV-TWA | ACGIH STEL | IDLH |
|-------------------|----------|---------------|------------|------|
| No data available | | | | |

Appropriate engineering controls

Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment

Respiratory Protection

Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred

| | |
|-----------------------------------|---|
| Respirator Type(s) | means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection. |
| Eye and face protection | No data available |
| Skin Protection | Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. |
| Hand protection | Nitrile |
| General hygiene conditions | No data available |

9 Physical and chemical properties

Appearance, such as physical state and colour

| | |
|---|-------------------|
| Physical state | Liquid |
| Colour | Amber |
| Odour | Mild |
| Odour threshold | Not determined |
| pH | No data available |
| Melting point and freezing point | |
| Melting point (°C) | No data available |
| Freezing point (°C) | No data available |
| Initial boiling point and boiling range (°C) | No data available |
| Flash point (°C) | 216 |
| Evaporation rate | No data available |
| Flammability, in the case of solids and gases | No data available |
| Upper and lower flammability or explosive limits | |
| Upper flammable or explosive limit, % in air | Not established |
| Lower flammable or explosive limit, % in air | Not established |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 0.92 |
| Solubility | Insoluble |
| Partition coefficient — n-octanol/water | No data available |
| Auto-ignition temperature (°C) | No data available |
| Decomposition temperature (°C) | Not determined |
| Viscosity | 143.8 |

10 Stability and reactivity

| | |
|---|---|
| Reactivity | |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None expected under standard conditions of storage. |

| | |
|--|---|
| Conditions to avoid, including static discharge, shock or vibration | Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. |
| Incompatible materials | Strong oxidizing agents |
| Hazardous decomposition products | No data available |

11 Toxicological information

Description of the various toxic health effects and the data used to identify those effects

| | |
|---|--------------|
| Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact) | Skin contact |
| Symptoms related to the physical, chemical and toxicological characteristics | None Known |

Delayed and immediate effects, and chronic effects from short-term and long-term exposure

Immediate effects from short term exposure

| | |
|----------------------------|--|
| Inhalation Toxicity | Harmful! Can cause systemic damage (see "Target Organs"). |
| Skin Contact | Likely to be non-irritating to skin based on animal data. |
| Eye Contact | This material is likely to be non-irritating to eyes based on animal data. |
| Ingestion Toxicity | Estimated to be > 5.0 g/kg. No hazard in normal industrial use. |

Delayed and chronic effects from long term exposure

| | |
|--|--|
| Carcinogenicity | Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer. |
| Reproductive and Developmental Toxicity | Not known or reported to cause reproductive or developmental toxicity. |
| Mutagenicity | No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic. |
| Inhalation | Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs"). Breathing oil mist in concentrations that exceed the TLV and PEL may result in respiratory discomfort and irritation. |
| Skin Contact | Unlikely to cause irritation even on repeated contact. |
| Skin Absorption | Upon prolonged or repeated exposure, no hazard in normal industrial use. |
| Ingestion | No hazard in normal industrial use. |
| STOT-single exposure | Based on available data, the classification criteria are not met. |
| STOT-repeated exposure | Based on available data, the classification criteria are not met. |
| Aspiration hazard | Based on available data, the classification criteria are not met. |

Numerical measures of toxicity, including ATEs Based on available data, the classification criteria are not met.

12 Ecological information

| | |
|--|--|
| Ecotoxicity (aquatic and terrestrial, if available) | Slight ecological hazard. In high concentrations, this product may be dangerous to plants and/or wildlife. |
|--|--|

Ecological Toxicity Data

| Chemical Name | CAS registry number and any unique identifiers | Aquatic EC50 Crustacea | Aquatic ERC50 Algae | Aquatic LC50 Fish |
|-------------------|--|------------------------|---------------------|-------------------|
| No data available | | | | |

Persistence and degradability

Biodegrades slowly.

Bioaccumulative potential

Bioconcentration may occur.

Mobility in soil

This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

Other adverse effects

No data available

13 Disposal considerations

Information on safe handling for disposal and methods of disposal, including any contaminated packaging

Spent or discarded material is non-hazardous according to environmental regulations.

14 Transport information

Transportation of Dangerous Goods by land (TDG)

UN number

Not regulated for road transport

United Nations proper shipping name as provided for in the United Nations Model Regulations

Not applicable

Transport hazard class as provided in the United Nations Model Regulations

Not applicable

Packing group as provided in the United Nations Model Regulations

Not applicable

International carriage of dangerous goods by sea (IMDG/IMO)

UN number

Not regulated by IMDG

United Nations proper shipping name as provided for in the United Nations Model Regulations

Not applicable

Transport hazard class as provided in the United Nations Model Regulations

Not applicable

Packing group as provided in the United Nations Model Regulations

Not applicable

International carriage of dangerous goods by air (IATA)

UN number

Not regulated by IATA

United Nations proper shipping name as provided for in the United Nations Model Regulations

Not applicable

Transport hazard class as provided in the United Nations Model Regulations

Not applicable

Packing group as provided in the United Nations Model Regulations

Not applicable

Environmental hazards according to

No

the International Maritime Dangerous Goods Code and the United Nations Model Regulations

Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78) and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)) No data available

Special precautions in connection with transport or conveyance either within or outside the premises No data available

15 Regulatory information

Safety, health and environmental regulations, made within or outside Canada, specific to the product in question
Canada - Domestic Substances List (DSL)

| Chemical Name | CAS No | Canada - Domestic Substances List (DSL) |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | Yes |

Canada - Non-Domestic Substances List (NDSL)

| Chemical Name | CAS No | Canada - Non-Domestic Substances List (NDSL) |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Canada - Controlled Drugs and Substances

| Chemical Name | CAS No | Schedule I | Schedule II | Schedule III | Schedule IV | Schedule V | Schedule VII | Schedule VIII |
|--|------------|------------|-------------|--------------|-------------|------------|--------------|---------------|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No | No | No | No | No | No | No |

| Chemical Name | CAS No | Class A Precursors | Class B Precursors | Exempt Precursors | Class 1 Targeted Substances | Class 2 Targeted Substances |
|--|------------|--------------------|--------------------|-------------------|-----------------------------|-----------------------------|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No | No | No | No | No |

Canada - CEPA - Schedule III Export Control List

| Chemical Name | CAS No | Part 1 Prohibited Substances | Part 2 Substances Subject to Notification or Consent | Part 3 Restricted Substances | Export Control List |
|--|------------|------------------------------|--|------------------------------|---------------------|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No | No | No | No |

Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting

| Chemical Name | CAS No | Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Canada - Narcotic Control Regulations (C.R.C., c. 1041)

| Chemical Name | CAS No | Canada - Narcotic Control Regulations (C.R.C., c. 1041) |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Canada - Ontario - Toxics Reduction - List of Priority Toxics

| Chemical Name | CAS No | Canada - Ontario - Toxics Reduction - List of Priority Toxics |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Stockholm Convention on Persistent Organic Pollutants

| Chemical Name | CAS No | Stockholm Convention on Persistent Organic Pollutants |
|--|------------|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

| Chemical Name | CAS No | Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade . |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

(United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs)

| Chemical Name | CAS No | (United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs) |
|--|------------|--|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Montreal Protocol on Substances that Deplete the Ozone Layer

| Chemical Name | CAS No | Montreal Protocol on Substances that Deplete the Ozone Layer |
|--|---------------|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.

| Chemical Name | CAS No | Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal. |
|--|---------------|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | No |

16 Other information

SDS Prepared by SGOCHENOUR
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