

Safety Data Sheet



Date of the latest revision of the safety data sheet: 08-08-2019

Supersedes: 08-08-2019

KLONDIKE SAE 75W-140 Full Synthetic Gear Lubricant

1 Identification

Product Identifier: KLONDIKE SAE 75W-140 Full Synthetic Gear Lubricant

Stock Number:

Other means of identification: No data available

Synonyms:

Recommended use and restrictions on use: Gear Oil

Recommended use: Uses other than those described above

Restrictions on use: KLONDIKE Lubricants Corporation

Initial Supplier Identifier: 3078 275th Street
Langley, BC, V4W 3L4
Canada

General information 1-877-293-4691

Tel No.: info@klondikelubricants.com

Email: Chemtrec (Within US) 1-800-424-9300 Chemtrec

Emergency telephone number and any restrictions on the use of that number, if applicable: (International) 1-703-527-3887

2 Hazard identification

Classification of the hazardous product:

Not classified under GHS

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, solvent-refined heavy paraffinic	No data available		0.1 - 1
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	No data available	72623-87-1	30 - 60

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4 First-aid measures

Inhalation:	This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
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 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.

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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: No special handling instructions due to toxicity.
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			

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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	Occupational	Occupational

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	Exposure Limits - TWAs	Exposure Limits - STELs	Exposure Limits - Ceiling
No data available			

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

Appropriate engineering controls: No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: No respiratory protection required under normal conditions of use.

Respirator Type(s): 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

Physical state:	Liquid
Colour:	Beige
Odour:	Mild
Odour threshold:	Not determined
pH:	No data available
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):	232
Evaporation rate:	No data available
Flammability, in the case of solids and gases:	No data available
Upper flammable or explosive limit, % in air:	Not established
Lower flammable or explosive limit, %	Not established

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in air:

Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	0.85
Solubility:	Negligible; 0-1%
Partition coefficient — n-octanol/water:	3.9
Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not determined
Viscosity:	171.8

10 Stability and reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
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

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Eye contact, Inhalation, Ingestion, Skin contact
Symptoms related to the physical, chemical and toxicological characteristics:	None known.
Immediate effects from short term exposure:	
Inhalation:	No hazard in normal industrial use.
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:	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

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Skin Contact: greater than 0.1% is mutagenic or genotoxic.
Unlikely to cause irritation even on repeated contact.

Skin Absorption: Upon prolonged or repeated exposure, 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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	Aquatic EC50 (48h) Daphnia > 1000 mg/L	No data available	Aquatic LC50 (96h) > 5000 mg/L

Persistence and degradability: No data available

Bioaccumulative potential: Bioconcentration is not expected to 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: None known.

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

UN Proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

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

UN number: Not regulated by IMDG
UN Proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable

International carriage of dangerous goods by air (IATA):

UN number: Not regulated by IATA
UN Proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable

Environmental hazards according to the International Maritime Dangerous Goods Code and the United Nations Model Regulations: No

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)
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	Yes

Canada - Non-Domestic Substances List (NDSL):

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Chemical Name	CAS No	Canada - Non-Domestic Substances List (NDSL)
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No

Canada - Controlled Drugs and Substances:

Chemical Name	CAS No	Schedule I	Schedule II	Schedule III	Schedule IV	Schedule V	Schedule VII	Schedule VIII
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No

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

Chemical Name	CAS No	Canada - Narcotic Control Regulations (C.R.C., c. 1041)
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No

Canada - Ontario - Toxics Reduction - List of Priority Toxics:

Chemical Name	CAS No	Canada - Ontario - Toxics Reduction - List of Priority Toxics
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No

Stockholm Convention on Persistent Organic Pollutants:

Chemical Name	CAS No	Stockholm Convention on Persistent Organic Pollutants
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	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 .
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	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)
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No

Montreal Protocol on Substances that Deplete the Ozone Layer:

Chemical Name	CAS No	Montreal Protocol on Substances that Deplete the Ozone Layer
Lubricating oils (petroleum), C20-50,	72623-87-1	No

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hydrotreated neutral oil-based

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.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No

16 Other information

Date of the latest revision of the safety data sheet: 08-08-2019

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Reason for revision: Activated by Document Formulation Generation

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