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### **KLONDIKE All Season Hi-Tack Bar and Chain Oil**

1 Identification				
Product Identifier: Stock Number:	KLONDIKE All Season Hi-Tack Bar and Chain Oil			
Other means of identification:	No data available			
Synonyms:				
Recommended use and restrictions on use	: Bar & Chain 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			
Emergency telephone number and any	Chemtrec (International) 1-703-527-3887			
restrictions on the use of that number,				
if applicable:				
2 Hazard identification				
Classification of the hazardous product:				
Not classified under GHS				
Hazard statements:	Not applicable			
Other hazards known to the supplier with	• •			
Physical hazards not otherwise	None known.			

Health hazards not otherwise classified None known.

classified

#### 3 Composition/information on ingredients CAS registry Common name and Concentration **Chemical Name** number and any synonyms unique identifiers Petroleum distillates, solvent dewaxed No data available 64742-65-0 0.1 - 1 heavy paraffinic Petroleum distillates, solvent-refined No data available 0.1 - 1 64741-88-4 heavy paraffinic



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Lubricating oils, petroleum,	No data available	64742-58-1	1 - 5
hydrotreated spent			
Residual oils (petroleum), solvent	No data available	64742-62-7	30 - 60
dewaxed			
Petroleum distillates, hydrotreated	No data available	64742-54-7	30 - 60
heavy paraffinic			
4 First-aid measures			
Inhalation:	Remove to fresh air. If breathi administer oxygen.	ing is difficult, have a trai	ned individual
Eye contact:	Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.		
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists.		
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 informa	tion available.	
5 Fire-fighting measures			
Suitable extinguishing media:	Use alcohol resistant foam, ca	rbon dioxide, or dry chei	mical when fighting
	C	Contraction of the state of the	

Unsuitable extinguishing media:	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. 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 monoxide, Sulfur containing gases, Nitrogen containing gases, oxides of phosphorus, Hydrogen sulfide
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



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surrounding fire.

Personal precautions, protective	No health affects expected from the clean up of this material if contact		
equipment and emergency procedures:	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:	Store in a cool dry place. Isolate from incompatible materials.
Materials to Avoid/Chemical	Strong oxidizing agents
Incompatibility:	

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

### Canada – British Columbia– Occupational Exposure Limits:

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

### Canada – Manitoba – Occupational Exposure Limits:

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



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#### Canada – New Brunswick – Occupational Exposure Limits:

	Occupational	Occupational	Occupational
Chemical Name	Exposure Limits -	Exposure Limits -	Exposure Limits -
	TWAs	STELs	Ceiling
No data available			
Canada – Newfoundland & La	brador – Occupational Exposure L	imits:	
	Occupational	Occupational	Occupational
Chemical Name	Exposure Limits -	Exposure Limits -	Exposure Limits -
	TWAs	STELs	Ceiling
No data available			
Canada – Northwest Territori	es – Occupational Exposure Limits	:	
	Occupational	Occupational	Occupational
Chemical Name	Exposure Limits -	Exposure Limits -	Exposure Limits -
	TWAs	STELs	Ceiling
No data available			
Canada – Nova Scotia – Occup	oational Exposure Limits:		
	Occupational	Occupational	Occupational
Chemical Name	Exposure Limits -	Exposure Limits -	Exposure Limits -
	TWAs	STELs	Ceiling
No data available			
Canada – Nunavut – Occupati	onal Exposure Limits:		
			-

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

#### Canada – Ontario – Occupational Exposure Limits:

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

### Canada – Prince Edward Island – Occupational Exposure Limits:

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

### Canada – Quebec – Occupational Exposure Limits:

Chemical Name	Occupational	Occupational	Occupational



	Exposure Limits -	Exposure Limits -	Exposure Limits -
	TWAEVs	STEVs	Ceiling
No data available			

#### Canada – Saskatchewan – Occupational Exposure Limits:

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

### Canada - Yukon – Occupational Exposure Limits:

Chemical Name	Occupational	Occupational	Occupational
	Exposure Limits -	Exposure Limits -	Exposure Limits -
	TWAs	STELs	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 means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.
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:	Wear safety glasses when handling this product if there is a likelihood of contact with eyes.
Skin Protection:	Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Hand protection:	Neoprene, Nitrile
General hygiene conditions:	No data available

9 Physical and chemical pro	perties	
Physical state:	Liquid	
Colour:	Red	



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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	No data available
(°C):	
Flash point (°C):	221
Evaporation rate:	No data available
Flammability, in the case of solids and	No data available
gases:	
Upper flammable or explosive limit, %	Not established
in air:	
Lower flammable or explosive limit, %	Not established
in air:	Num de la companya de
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	0.88
Solubility: Partition coefficient — n-	Negligible; 0-1%
	No data available
octanol/water: Auto-ignition temperature (°C):	No data available
Decomposition temperature (°C):	Not determined
Viscosity:	147.8
viscosity.	147.0
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	Temperatures above the high flash point of this combustible material in
discharge, shock or vibration:	combination with sparks, open flames, or other sources of ignition.
	Moisture (will lead to product performance degradation).
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	Carbon monoxide Sulfur containing gases Nitrogen containing gases
	oxides of phosphorus Hydrogen sulfide
11 Toxicological information	
Information on the likely routes of	Eye contact, Ingestion, Inhalation, Skin contact
exposure (inhalation, ingestion, skin	
and eye contact):	



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Symptoms related to the physical, chemical and toxicological characteristics:	None known.
Immediate effects from short term exposu	re:
Inhalation: Skin Contact:	No hazard in normal industrial use. This material is likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.
Eye Contact: Ingestion:	This material is likely to be non-irritating to eyes based on animal data. Estimated to be > 5.0 g/kg. No hazard in normal industrial use.
Delayed and chronic effects from long tern	n 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.
Skin Contact:	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
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	Moderate ecological hazard. This product may be dangerous to plants

Ecotoxicity (aquatic and terrestrial, if<br/>available):Moderate ecological hazard. This product may be dangerous to plants<br/>and/or wildlife.

**Ecological Toxicity Data:** 

Chemical Name	CAS registry number and any unique identifiers	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	Aquatic EC50 (48h) Daphnia > 1000 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates,	64741-88-4	Aquatic EC50 (48h)	No data available	Aquatic LC50 (96h)



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columnt refined herein		Dambaia > 1000		> 5000 mg/l	
solvent-refined heavy paraffinic		Daphnia > 1000 mg/L		> 5000 mg/L	
Residual oils (petroleum), solvent dewaxed	64742-62-7	Aquatic EC50 (48h) Daphnia > 1000 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout > 5000 mg/L	
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Aquatic EC50 (48h) Daphnia > 1000 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout > 5000 mg/L	
Bioaccumulative potential:BiocoMobility in soil:This nstrong		Biodegrades slowly. Bioconcentration may occur. This material is expected to he trongly to most soil types. None known.	oconcentration may occur. his material is expected to have essentially no mobility in soil. It absorbs rongly to most soil types.		
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 enviro regulations.			ding to environmental		
14 Transport information					
Transportation of Dangerous G	ioods by land	(TDG):			
UN number: UN Proper shipping name: Transport hazard class(es): Packing group:	Not regulated for road transp Not applicable Not applicable Not applicable	ort			
International carriage of dange	rous goods by	y sea (IMDG/IMO):			
UN number: UN Proper shipping name:		lot regulated by IMDG lot applicable			
Transport hazard class(es): Packing group:	N N	lot applicable lot applicable			
Transport hazard class(es): Packing group: International carriage of dange	N N erous goods by	lot applicable lot applicable y air (IATA):			
Transport hazard class(es): Packing group:	N N Prous goods by N N N	lot applicable lot applicable			



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Model Regulations:	
Transport in bulk (according to Annex II	No data available
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)):	
Special precautions in connection with	No data available
transport or conveyance either within	
or outside the premises:	

### **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 paraffinic	64742-54-7	Yes
Residual oils (petroleum), solvent dewaxed	64742-62-7	Yes
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	Yes
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	Yes
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	Yes

### Canada - Non-Domestic Substances List (NDSL):

Chemical Name	CAS No	Canada - Non-Domestic Substances List (NDSL)
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No



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Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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	64742-54-7	No	No	No	No	No	No	No
paraffinic								
Residual oils (petroleum),	64742-62-7	No	No	No	No	No	No	No
solvent dewaxed	04742-02-7	NO	NO	NO	NO	NO	NO	NO
Lubricating oils,								
petroleum, hydrotreated	64742-58-1	No	No	No	No	No	No	No
spent								
Petroleum distillates,								
solvent-refined heavy	64741-88-4	No	No	No	No	No	No	No
paraffinic								
Petroleum distillates,								
solvent dewaxed heavy	64742-65-0	No	No	No	No	No	No	No
paraffinic								

Chemical Name	CAS No	Class A Precursors	Class B Precursors	Exempt Precursors	Class 1 Targeted Substances	Class 2 Targeted Substances
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	No	No	No	No	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No	No	No	No	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No	No	No	No	No



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Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No	No	No	No	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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 paraffinic	64742-54-7	No	No	No	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No	No	No	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No	No	No	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No	No	No	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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 paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No



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Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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 paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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 paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	No

**Stockholm Convention on Persistent Organic Pollutants:** 



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Chemical Name	CAS No	Stockholm Convention on Persistent Organic Pollutants
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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	64742-54-7	No
heavy paraffinic		
Residual oils (petroleum), solvent	64742-62-7	No
dewaxed		
Lubricating oils, petroleum,	64742-58-1	No
hydrotreated spent		
Petroleum distillates, solvent-refined	64741-88-4	No
heavy paraffinic		
Petroleum distillates, solvent dewaxed	64742-65-0	No
heavy paraffinic		

### (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 paraffinic	64742-54-7	No
Residual oils (petroleum), solvent	64742-62-7	No



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dewaxed		
Lubricating oils, petroleum,	64742-58-1	No
hydrotreated spent	04742-38-1	NO
Petroleum distillates, solvent-refined	64741-88-4	No
heavy paraffinic		
Petroleum distillates, solvent dewaxed	64742-65-0	No
heavy paraffinic	04/42-05-0	

### 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 paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	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 paraffinic	64742-54-7	No
Residual oils (petroleum), solvent dewaxed	64742-62-7	No
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	No
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	No
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	No



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16 Other information	
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data sheet:	
Revision Number:	5
Reason for revision:	Activated by Document Formulation Generation
Disclaimer:	This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.