



SAFETY DATA SHEET

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL
Revision Date: 07-25-2019

1. Identification

Product identifier used on the label: KLONDIKE 2-CYCLE
Stock Number:

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Two Cycle Engine Oil

Restrictions on use: Uses other than those described above

Name, address, and telephone number
of the chemical manufacturer,
importer, or other responsible party: Warren Distribution, Inc.
950 S. 10th St., Suite 300
Omaha, NE 68108-3296

Phone number: +01 (800) 825-1235 +01 (402) 341-9397

E-mail address: sds@wd-wpp.com

Emergency phone number: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard
Symbols:



GHS Classification:

Germ Cell Mutagenicity Category 1B

Carcinogenicity Category 1A

Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure
Category 1

Signal Word:

Danger

Hazard Statements:

May cause genetic defects; May cause cancer.; Causes damage to organs
through prolonged or repeated exposure

Precautionary Statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety
precautions have been read and understood. Do not breathe
dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do
not eat, drink or smoke when using this product. Wear protective

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

Response: gloves/protective clothing/eye protection/face protection.
If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Distillates, petroleum, straight-run middle	No data available	64741-44-2	5 - 10
Distillates, petroleum, hydrodesulfurized middle	No data available	64742-80-9	5 - 10
Distillates, petroleum, hydrodesulfurized light catalytic cracked	No data available	68333-25-5	5 - 10
Kerosene	No data available	8008-20-6	5 - 10
Kerosine, petroleum, hydrodesulfurized	No data available	64742-81-0	1 - 5
Light hydrocracked distillate	No data available	64741-77-1	1 - 5
Naphthalene	No data available	91-20-3	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

Eye Contact: Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation results. Thermal burns require immediate medical attention.

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

Skin Contact:	Remove contaminated clothing immediately. Wash area of contact thoroughly with soap and water. Get medical attention if irritation persists. High pressure skin injections are serious medical emergencies. Get immediate medical attention. Thermal burns require immediate medical attention.
Ingestion:	Seek medical attention immediately or call the Poison control center. Do not induce vomiting. If patient is fully conscious, give up to two glasses of water. Provide medical care provider with this SDS.
Most important symptoms/effects, acute and delayed:	Causes damage to organs through prolonged or repeated exposure.
Indication of immediate medical attention and special treatment needed, if necessary:	Get medical advice/attention if you feel unwell. If exposed or concerned: Get medical advice/attention.

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 chemical:	No data available
Hazardous combustion products:	Carbon monoxide, Smoke
Special protective equipment and precautions for fire-fighters:	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 affects 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

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

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: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store locked up.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m ³	5 mg/m ³	10 mg/m ³	No data available
Kerosene	No PEL	200 mg/m ³ TWA (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor)	No STEL	No data available
Distillates, petroleum, hydrodesulfurized middle	5 mg/m ³	5 mg/m ³	10 mg/m ³	No data available
Kerosine, petroleum, hydrodesulfurized	No PEL	200 mg/m ³ TWA (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon	No STEL	No data available

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

		vapor)		
Naphthalene	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA	No STEL	250 ppm IDLH

Appropriate engineering controls:

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Do not breathe dust/fume/gas/mist/vapors/spray.

Respirator Type(s):

If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use., None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye protection:

No special requirements under normal industrial use.

Skin protection:

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves:

Neoprene, Nitrile

General hygiene conditions:

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

9. Physical and chemical properties
--

Appearance (physical state, color etc.):

Physical state:

Liquid

Color:

Blue

Odor:

Mild

Odor Threshold:

Not determined

pH:

No data available

Melting point/freezing point:

Melting Point:

No data available

Freezing point:

No data available

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

Initial boiling point and boiling range (°C):	No data available
Flash Point (°C):	218
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	5
Lower flammability or explosive limits:	0.7
Vapor pressure:	> 3 MMHG
Vapor density:	4.42
Relative density:	0.86
Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	3.3
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	48.8

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 (e.g., 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. Moisture (will lead to product performance degradation).
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	Carbon monoxide, Smoke

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin)	Inhalation, Ingestion, Skin contact, Eye contact
--	--

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

and eye contact):

Symptoms related to the physical, chemical and toxicological characteristics:

Causes damage to organs through prolonged or repeated exposure.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion:

No hazard in normal industrial use. Estimated to be > 5.0 g/kg.

Skin Contact:

This material is estimated to be moderately irritating (Primary Irritation Index is 3.0 - 5.0 [rabbits]). Contact may result in defatting, redness, itching, inflammation, cracking, and possible secondary infection. High pressure skin injections are Serious Medical Emergencies. Injury may not appear serious at first; within a few hours, tissue will become swollen, discolored and extremely painful (see Notes to Doctor). Contact with heated material may cause thermal burns.

Absorption:

Estimated to be > 5.0 g/kg; practically non-toxic

Inhalation:

No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.

Eye Contact:

This material is estimated to be non-irritating eyes (Draize score <15 [rabbits]). Exposure to vapors, fumes or mists may cause irritation contact with heated material may cause thermal burns.

Sensitization:

Non-hazardous under Respiratory Sensitization category.

Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity:

Contains a substance that is a probable cancer hazard based on animal studies using doses likely to be encountered in the workplace.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Classification has been based on toxicological information of the components in Section 3.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Other information:

None known.

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Naphthalene	Oral LD50 Rat 490 mg/kg	Dermal LD50 Rabbit 1120 mg/kg	

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

Light hydrocracked distillate		Dermal LD50 Rabbit > 2000 mg/kg	
Kerosine, petroleum, hydrodesulfurized	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.2 mg/L
Distillates, petroleum, straight-run middle	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 1.78 mg/L
Distillates, petroleum, hydrodesulfurized middle	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 4.6 mg/L
Distillates, petroleum, hydrodesulfurized light catalytic cracked	Oral LD50 Rat 3200 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 4.65 mg/L
Kerosene	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.28 mg/L

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Naphthalene	Y	Y	Y

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Naphthalene	91-20-3	Aquatic EC50 (48h) Daphnia 2.16 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout 1.6 mg/L
Light hydrocracked distillate	64741-77-1	No data available	No data available	Aquatic LC50 (96h) 7.3 mg/L
Kerosine, petroleum, hydrodesulfurized	64742-81-0	Aquatic EC50 (48h) 4720 mg/L	No data available	Aquatic LC50 (96h) 45 mg/L
Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	No data available	No data available	Aquatic LC50 (96h) 7.3 mg/L
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	No data available	No data available	Aquatic LC50 (96h) 35 mg/L
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Aquatic LC50 (48h) > 1000 mg/L	No data available	Aquatic LC50 (96h) Rainbow Trout > 5000 mg/L

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

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 (such as hazardous to the ozone layer):	None known.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:	Dispose of contents and container in accordance with local/regional/national/international regulations.
Contaminated packaging:	Recycle containers whenever possible.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

DOT Basic Description:	No data available
-------------------------------	-------------------

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, if applicable:	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, if applicable:	Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)):	None.
---	-------

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components of this material are on the US TSCA Inventory or are exempt.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Distillates, petroleum, straight-run middle	64741-44-2	N	N	N	N
Kerosene	8008-20-6	N	N	N	N
Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	N	N	N	N
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	N	N	N	N
Kerosine, petroleum, hydrodesulfurized	64742-81-0	N	N	N	N
Light hydrocracked distillate	64741-77-1	N	N	N	N
Naphthalene	91-20-3	Y	N	Y	Y

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Distillates, petroleum, straight- run middle	64741-44-2	N	N	N	N
Kerosene	8008-20-6	N	N	N	N
Distillates, petroleum, hydrodesulfurized light catalytic cracked	68333-25-5	N	N	N	N
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	N	N	N	N
Kerosine, petroleum, hydrodesulfurized	64742-81-0	N	N	N	N
Light hydrocracked distillate	64741-77-1	N	N	N	N
Naphthalene	91-20-3	Y	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N	N
Distillates, petroleum, straight- run middle	64741-44-2	N	N	N	N	N
Kerosene	8008-20-6	Y	Y	Y	N	N
Distillates, petroleum, hydrodesulfurized light catalytic	68333-25-5	N	N	N	N	N

Product identifier used on the label: KLONDIKE 2-CYCLE 236 mL and 473 mL

Revision Date: 07-25-2019

cracked						
Distillates, petroleum, hydrodesulfurized middle	64742-80-9	N	N	N	N	N
Kerosine, petroleum, hydrodesulfurized	64742-81-0	N	N	N	N	N
Light hydrocracked distillate	64741-77-1	N	N	N	N	N
Naphthalene	91-20-3	Y	Y	Y	N	Y

16. Other information, including date of preparation or last revision.

SDS Prepared by:

Revision Date: 07-25-2019

Revision Number: 13

Reason for revision: Activated by Document Formulation Generation

References: No data available

Other Info: No data available

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.