

1. Identification

Product identifier used on the label: SAE 40 Mid Ash Sour Natural Gas

Other means of identification: No data available

Synonyms:

Recommended use of the chemical and restrictions on use:

Recommended use: KLONDIKE Lubricants Corporation

Restrictions on use: 3078 275th Street
Langley, BC V4W 3L4

Canada

Name, address, and telephone number

of the chemical manufacturer, www.klondikelubricants.com importer, or other responsible party: info@klondikelubricants.com

 Phone number:
 Chemtrec (Within US)
 1-800-424-9300

 Chemtrec (International)
 1-703-527-3887

E-mail address:

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

General Information

1-877-293-4691

2. Hazard(s) identification

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

GHS Classification: Not classified as hazardous under OSHA

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS#	%
Not classified under GHS			

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

Material name: KLONDIKE SAE 40 MID ASH SOUR NATURAL GAS

administer oxygen.

Eye Contact: None expected to be needed, however, use an eye wash to remove a

chemical from your eye regardless of the level of hazard.

Skin Contact: No data available Seek medical advice if symptoms persist.

Ingestion: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical

attention immediately. Provide medical care provider with this SDS.

Most important symptoms/effects,

acute and delayed:

None Known

Indication of immediate medical attention and special treatment

needed, if necessary:

Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to

cause aspiration.

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:

No data available

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 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:No special handling instructions due to toxicity. No data available

Conditions for safe storage, including

any incompatibilities:

Safe storage conditions: Store in a cool dry place. Isolate from incompatible materials.

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
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. None

required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use

NIOSH/MSHA approved respiratory protection.

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 protection: No special requirements under normal industrial use.

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.

Gloves: Neoprene, Nitrile

General hygiene conditions: No data available

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid
Color: Brown
Odor: Mild

Odor Threshold: Not determined PH: No data available

Melting point/freezing point:

Melting Point:No data availableFreezing point:No data available

Initial boiling point and boiling range

(°C):

Flash Point (°C): 240

Evaporation Rate:No data available **Flammability (solid, gas):**No data available

Upper/lower flammability or explosive

limits:

Upper flammability or explosive

limits:

Not established

150

Lower flammability or explosive

limits:

Not established

Vapor pressure:No data availableVapor density:No data available

Relative density: 0.88

Solubility(ies): Negligible

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

No data available

No data available

Not determined

Viscosity:

135.74 cSt @ 40°C

Volatile organic compound (VOC) 0.000000

content and percentage of volatiles:

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 (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

and eye contact):

No data available

Symptoms related to the physical,

chemical and toxicological

characteristics:

None Known

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

Ingestion Toxicity: Although this product has a low order of acute oral toxicity, aspiration of

minute amounts into the lungs during ingestion or vomiting may cause

mild to severe pulmonary injury and possibly death.

Skin Contact: Likely to be non-irritating to skin based on animal data. No hazard in

normal industrial use.

Absorption: Likely to be practically non-toxic based on animal data.

Inhalation Toxicity: No hazard in normal industrial use. Likely to be practically non-toxic

based on animal data.

Eye Contact: This material is likely to be non-irritating to eyes based on animal data.

Sensitization: No data available

Mutagenicity: No data available to indicate product or any components present at

greater than 0.1% is mutagenic or genotoxic.

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.

STOT-single exposure:

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

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Aspiration hazard:

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

Other information: No data available

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

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
There are no components			
that are known or reported			
to cause cancer.			

12. Ecological information

Ecotoxicity (aquatic and terrestrial,

where available):

No data available

Ecological Toxicity Data:

Chemical Name	CAS#	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 (such as

hazardous to the ozone layer):

No data available

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated

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

packaging:

Contaminated packaging: Recycle containers whenever possible.

14. Transport information

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

DOT Basic Description: Not classified as hazardous for transport (DOT, TDG, IMO/IMDG,

IATA/ICAO).

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.

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