



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name KLONDIKE Multi-Use Industrial Cattle Oil

Other means of identification

Product Code(s)

Synonyms No information available

Recommended use of the chemical and restrictions on use

Recommended Use Lubricant.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Klondike Lubricants Corp.

3078 275 Street

Langley, BC CANADA

T: 877-293-4691

Emergency telephone number

Company Phone Number 1-618-542-5431

Company Emergency Phone Number (618) 542-5431

Emergency telephone number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Aspiration toxicity

Category 1

Label elements

EMERGENCY OVERVIEW

DANGER

Hazard statements

May be fatal if swallowed and enters airways



Appearance Clear to light yellow

Physical state liquid

Odor Mild petroleum odor

Precautionary Statements - Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name Petroleum based lubricating fluid.
Chemical Family Petroleum hydrocarbon mixture.

| Chemical name | CAS-No | Weight % | Trade secret |
|--|------------|----------|--------------|
| Petroleum distillates, hydrotreated light paraffinic | 64742-55-8 | 100 | * |

4. FIRST AID MEASURES

First aid measures

General advice No hazards which require special first aid measures.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, call a physician.

Skin contact Wash skin with soap and water. If skin irritation persists, call a physician.

Inhalation Move victim to fresh air.

Ingestion Do NOT induce vomiting. Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂). Dry chemical. Foam. Water can be used to keep surrounding materials cool.

Large Fires Contact emergency personnel.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Combustible material.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal protection Wear protective gloves/clothing and eye/face protection.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Soak up with inert absorbent material. Prevent product from entering drains.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep in a dry, cool and well-ventilated place. Keep out of the reach of children.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--|--------------------------|--------------------------|--|
| Petroleum distillates, hydrotreated light paraffinic 64742-55-8 | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | IDLH: 2500 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ |

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face Protection Goggles. Safety glasses.

Skin and body protection Long sleeved clothing. Protective gloves.

Respiratory protection In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|------------------------------|-----------------------------------|-------------------------|--------------------------|
| Physical state | liquid | Odor | Mild petroleum odor |
| Appearance | Clear to light yellow | Odor threshold | No information available |
| Color | No information available | Remarks • Method | |
| Property | Values | | |
| pH | No information available | | |
| Melting point/freezing point | No information available | | |
| Boiling Point/Range | No information available | | |
| Flash point | > 170 °C / > 338 °F | (based on components) | |
| Evaporation rate | No information available | | |
| Flammability (solid, gas) | No information available | | |
| Flammability Limit in Air | | | |
| Upper flammability limit: | No information available | | |
| Lower flammability limit: | No information available | | |
| Vapor pressure | No information available | | |
| Vapor density | No information available | | |
| Specific gravity | 0.9 | | |
| Water solubility | No information available | | |
| Solubility in other solvents | No information available | | |
| Partition coefficient | No information available | | |
| Autoignition temperature | | | |
| Decomposition temperature | No information available | | |
| Kinematic viscosity | 10.5-16.5 @40C mm ² /s | | |
| Dynamic viscosity | No information available | | |
| Explosive properties | No information available | | |
| Oxidizing properties | No information available | | |
| Other information | | | |
| Softening point | No information available | | |
| VOC Content | No information available | | |
| Density | No information available | | |
| Bulk density | No information available | | |

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Excessive heat.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | No data available |
| Inhalation | Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| Eye contact | Avoid contact with eyes. May cause irritation. |
| Skin contact | Prolonged skin contact may defat the skin and produce dermatitis. Substance may cause slight skin irritation. |
| Ingestion | Do NOT taste or swallow. Potential for aspiration if swallowed. |

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-------------------|-------------|---|
| Petroleum distillates, hydrotreated light paraffinic 64742-55-8 | > 24 g/kg (Rat) | - | = 3900 mg/m ³ (Rat) 4 h = 2062 ppm (Rat) 4 h |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity Mineral oils are known to cause cancer because of carcinogenic components (e.g. benzene). The mineral oil in this product is highly refined and should not be considered a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--|-------|---------|-------|------|
| Petroleum distillates, hydrotreated light paraffinic 64742-55-8 | - | Group 1 | Known | X |

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|--|----------------------|---|------------------------------------|
| Petroleum distillates, hydrotreated light paraffinic 64742-55-8 | - | 5000: 96 h Onchorhynchus mykiss mg/L LC50 | 1000: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Petroleum distillates, hydrotreated light paraffinic 64742-55-8 | X | X | X |

U.S. EPA Label Information

EPA Pesticide registration number Not Applicable

16. OTHER INFORMATION

| | | | | |
|-------------|------------------|----------------|--------------------|---------------------------------|
| NFPA | Health hazards 1 | Flammability 1 | Instability 0 | Physical and Chemical Hazards - |
| HMIS | Health hazards 1 | Flammability 1 | Physical hazards 0 | Personal protection X |

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Revision Note

Initial Release

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.