



Safety Data Sheet

Product identifier used on the label: Ridgeline EP Gear Lubricant ISO 150, 220, 320, 460, 680

Stock Number: RIDEP150, RIDEP220, RIDEP320, RIDEP460, RIDEP680

Date: 1-20-2022

1. Identification

Product identifier used on the label: Ridgeline EP Gear Lubricant ISO 150, 220, 320, 460, 680
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Synonyms: Gear Lubricant

Recommended use of the chemical and restrictions on use:

Recommended use: Gear Lubricant
Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Parkland Corporation
1800, 240 4 Ave SW
Calgary, AB T2P 4H4

Phone number: +1-403-567-2500

E-mail address: Ridgeline.information@parklandusa.com

Emergency phone number: +1-403-357-6400

2. Hazard(s) identification

Classification of the substance or mixture

Classification (GHS-US) Not Classified

Label Elements

GHS-US Labeling

Hazard Pictogram (GHS-US) None Required

Signal Word (GHS-US) Not Hazardous

Hazard Statements (GHS-US) None Required

Precautionary Statements (GHS-US) No labelling applicable

Other Hazards No additional information available

Unknown Acute Toxicity (GHS-US) Not applicable

3. Composition/information on ingredients

Chemical Name	CAS #	%	GHS-US classification
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO <3%)	64742-54-7	0 – 90	Asp. Tox. 1, H304
C12-C14 t-alkyl amines	68955-53-3	0.01 – 0.2	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311

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			Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
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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 and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Eye Contact:

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Skin Contact:

Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

Ingestion:

Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms/effects, acute and delayed:

No known significant effects or critical hazards. Overexposure may be irritating to the respiratory system. Repeated or prolonged skin contact may cause irritation. Direct contact with the eyes is likely irritating. Ingestion is likely to be harmful or have adverse effects.

Indication of immediate medical attention and special treatment needed, if necessary:

If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media:

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Fire Hazard:

Burning produces irritating, toxic and noxious fumes.

Reactivity:

No dangerous reactions known.

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Special protective equipment and precautions for fire-fighters:

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid all eye and skin contact and do not breathe vapor and mist. Use personal protective equipment as required. Evacuate unnecessary personnel. Ventilate area.

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:

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Conditions for safe storage, including any incompatibilities:

Keep only in the original container in a cool, well ventilated place away from: direct sunlight, heat sources, hot surfaces, open flames, sparks.

Safe storage conditions:

Keep container closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies. Do not cut, drill, weld, use a blowtorch on, etc. containers even when empty.

Materials to Avoid/Chemical Incompatibility:

Keep away from strong acids, strong bases and oxidizing agents. Sources of ignition.

8. Exposure controls/personal protection

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Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
C12-C14 t-alkyl amines (68966-53-3)		
Not applicable		

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

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:

Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Skin protection:

Wear suitable protective clothing. 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.

Gloves:

Neoprene, Nitrile

9. Physical and chemical properties

Physical state:	Liquid
Color:	Red
Odor:	Petroleum
Odor threshold:	No data available
Relative evaporation rate (butylacetate=1)	Not Available
Melting Point	Not Available
Boiling point:	No data available

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Flash point:	> 222°C
Auto-ignition temperature:	No data available
Decomposition temperature	No data available
Flammability (solid, gas):	No data available
Vapor pressure:	No data available
Relative density at 20 °C:	No data available
Solubility(ies):	No data available
Log Pow:	No data available
Log Know:	No data available
Viscosity, kinematic:	68 – 1000 mm ² /s @ 40°C
Viscosity, dynamic:	No data available
Explosive limits:	No data available

10. Stability and reactivity

Reactivity:	No dangerous reactions known.
Chemical stability:	Stable under recommended handling and storage conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.

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Conditions to avoid (e.g., static discharge, shock, or vibration): Keep away from direct sunlight, heat, hot surfaces, open flames and other ignition sources. No smoking.

Incompatible materials: Keep away from strong acids, strong bases and oxidizing agents.

Hazardous decomposition products: Thermal decomposition generates: carbon oxides (CO, CO₂). Hydrocarbons.

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): Skin contact, Inhalation, Ingestion, Eye contact

Symptoms related to the physical, chemical and toxicological characteristics: No data available

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 likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.

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: The material is likely to be moderately irritating to eyes based on animal data. Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Sensitization: Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.

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.

Reproductive toxicity: Not known or reported to cause reproductive or developmental toxicity.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOTE-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard:

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

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)	
LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat (mg/l)	>5.53 mg/l/4h

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C12-C14 t-alkyl amines (68955-53-3)	
LD50 Oral Rat	612 mg/kg
LD50 Dermal Rabbit	251 mg/kg
LC50 inhalation Rat (ppm)	157 ppm/4h
ATE US (oral)	612 mg/kg bodyweight
ATE US (dermal)	251 mg/kg bodyweight
ATE US (gases)	157 ppmv/4h
ATE US (vapours)	0.5 mg/l/4h
C12-C14 t-alkyl amines (68955-53-3)	
ATE US (dust, mist)	0.05 mg/l/4h

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): Toxic to aquatic life

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Not available

Other adverse effects (such as hazardous to the ozone layer): Avoid release to the environment.

Distillates (petroleum), hydrotreated heavy paraffinic (DSMO < 3%) <64742-54-7)	
EC50 Daphnia 1	> 1000 mg/l
C12-C14 t-alkyl amines (68955-53-3)	
LC50 fish 1	1.3 mg/l
EC50 Daphnia 1	2.5 mg/l Calculated
ErC50 (algae)	0.44 mg/l
NOEC (chronic)	0.078 mg/l
Persistence and degradability	
Persistence and degradability	Not established
Bioaccumulative potential	Not expected to bioaccumulate

13. Disposal Considerations

Product/Packaging disposal recommendations: Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.

Ecology – waste materials: Avoid release to the environment

14. Transport Information

In Accordance with DOT: Not regulated for transport

In Accordance with IMDG: Not regulated for transport

In Accordance with IATA: Not regulated for transport

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In Accordance with TDG

Not regulated for transport

15. Regulatory Information

U.S. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372

Propylene oxide	CAS-No 75-56-9	0.00015%
Vinyl acetate	CAS-No 108-05-4	0.00009 – 0.00018%

U.S. State regulations

Eth

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Canada regulations

WHMIS Classification

Not Classified

Phosphorodithioic acid, O,O-di-C1-14-alkylesters, zinc salts (68469-42-3)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Class D Division 2 Subdivision B – Toxic material causing other toxic effects

Paraffin Oils (8012-95-1)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1%

WHMIS Classification

Class D Division 2 Subdivision A – Very toxic material causing other toxic effects

Petroleum distillates, solvent dewaxed (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

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

Revision Date:

1-21-2022

References:

No data available

Other Info:

No data available

This safety data sheet and the information it contains is offered to you in

Disclaimer:

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

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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.