



SAFETY DATA SHEET

Product identifier used on the label:

Ridgeline Synthetic Blend 15W-40 CK-4 Heavy Duty Engine Oil

Stock Number: RID1540SB

Date: 5-12-2020

1. IDENTIFICATION

Product identifier used on the label:	Ridgeline Synthetic Blend 15W-40 CK-4 Heavy Duty Engine Oil
Stock Number:	RID1540SB
Synonyms:	Lubricant, Motor Oil
Recommended use of the chemical and restrictions on use:	
Recommended use:	Lubricant, Motor Oil
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 1970 East 68th Avenue Denver, CO 80229
Phone number:	+1-303-455-1743
E-mail address:	info@ridgelinelubricants.com
Emergency phone number:	+1-303-591-0108

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

Classification (GHS-US) Not Classified

Label Elements

GHS-US Labeling

Signal Word (GHS-US) No signal word

Hazard Statements (GHS-US) No known effects or critical hazards

Precautionary Statements (GHS-US) No precautionary phrases

3. COMPOSITION/INFORMATION ON INGREDIENTS

See next page for chart.

SAFETY DATA SHEET

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Stock Number: RID1540SB

Date: 5-12-2020

Name	Product Identifier	%
Petroleum distillates, hydrotreated heavy paraffinic	(CAS-No.) 0064742-54-7	60.0 - 80.0%
Highly refined synthetic base stocks	(CAS-No.) 0064742-54-7	7.0 - 13.0%
Petroleum distillates, solvent dewaxed heavy paraffinic	(CAS-No.) 0064742-65-0	0.1 - 1.0%

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. Call a POISON CENTER or doctor/physician if you feel unwell.

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

NFPA Ratings

Health: 1

Flammability: 1

Reactivity: 0



SAFETY DATA SHEET

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Stock Number: RID1540SB
Date: 5-12-2020

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

Fire Hazard: Material will not burn unless preheated. Product will float and be reignited on surface of water.

Hazardous combustion products: Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases

Reactivity: Hazardous reactions will not occur under normal conditions.

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: May burn although not readily ignitable. Use cautious judgement when cleaning up large spills. 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: Mildly irritating material. Avoid unnecessary exposure. Follow all protective equipment recommendations provided in Section 8.

Conditions for safe storage, including any incompatibilities:

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

SAFETY DATA SHEET

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Date: 5-12-2020

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:

Name	OSHA PEL	ACGIH TLV	ACGIH STEL
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m ³	5 mg/m ³	10 mg/m ³
Highly refined synthetic base stocks	5 mg/m ³	5 mg/m ³	10 mg/m ³
Petroleum distillates, solvent dewaxed heavy paraffinic	5 mg/m ³	5 mg/m ³	10 mg/m ³

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
Appearance:	Brown
Odor:	Mild
Odor threshold:	Not Available
Relative evaporation rate (butylacetate=1)	Not Available

SAFETY DATA SHEET

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Melting Point:	Not Available
Boiling Point:	Not Available
Flash Point:	223°C
Pour Point:	Not Available
Auto-ignition temperature:	Not Available
Decomposition temperature:	Not Available
Flammability (solid, gas):	Not Available
Vapor pressure:	Not Available
Relative density at 20 °C:	0.88
Solubility(ies):	Negligible; 0-1%
Viscosity:	112.5

10. STABILITY AND REACTIVITY

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	None expected under standard conditions of storage.
Conditions and Materials to Avoid:	Avoid heat, sparks, flame and contact with incompatible materials
Hazardous Decomposition Products:	Strong oxidizing agents. Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases, Smoke

11. TOXICOLOGICAL INFORMATION

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

Acute toxicity (oral)	Minimally toxic
Acute toxicity (dermal)	Minimally toxic
Acute toxicity (inhalation)	Minimally toxic

Skin corrosion/irritation	Not Classified
Serious eye damage/irritation	Not Classified
Respiratory or skin sensitization	Not Classified
Germ cell mutagenicity	Not Classified
Carcinogenicity	Not Classified
Reproductive toxicity	Not Classified
STOT-single exposure	Not Classified
STOT-repeated exposure	Not Classified
Aspiration hazard	Not Classified
Likely routes of exposure	Inhalation. Skin and eye contact
Symptoms/effects	Repeated or prolonged skin contact may cause dermatitis and defatting. Never attempt to induce vomiting.

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial), Slight ecological hazard. In high concentrations, this product may

SAFETY DATA SHEET

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where available): be dangerous to plants and/or wildlife.

Persistence and degradability: Biodegrades slowly.

Bio accumulative 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): Not available

13. DISPOSAL CONSIDERATIONS

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Do not dispose of waste into sewer. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

Contaminated packaging: Recycle containers whenever possible.

14. TRANSPORT INFORMATION

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

DOT Basic Description: Not regulated for road transport

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 within connection with transport or conveyance either within or outside their premises: No data available

SAFETY DATA SHEET

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Date: 5-12-2020

15. REGULATORY INFORMATION

CAS	Chemical Name	CERCLA	Sara EHS	Sara 313	U.S. HAP
0064742-54-7	Petroleum distillates, hydrotreated heavy paraffinic	N	N	N	N
0064742-54-7	Highly refined synthetic base stocks	N	N	N	N
0064742-65-0	Petroleum distillates, solvent dewaxed heavy paraffinic	N	N	N	N

16. OTHER INFORMATION, INCLUDING DATE OF REVISION OR LAST PREPARATION

Revision Date:

5-12-2020

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.