



# SAFETY DATA SHEET

Product identifier used on the label:

**Ridgeline Hi-Temp Red Grease**

Stock Number: RIDHTRGRS

Date: 2-6-2024

## 1. IDENTIFICATION

Product identifier used on the label: **Ridgeline Hi-Temp Red Grease**

Stock Number: RIDHTRGRS

Synonyms: Grease

Recommended use of the chemical and restrictions on use:

Recommended use: Lubricant, Grease

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 68<sup>th</sup> Avenue  
Denver, CO 80229

Phone number: +1-303- 455-1743

E-mail address: [info@ridgelinelubricants.com](mailto: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

Chemical Name	CAS #	% (w/w)
Distillates (petroleum), hydrotreated heavy naphthenic, < 3 % IP 346(<20.5 cSt @ 40°C) Asp. Tox. 1: H304 - Danger	64742-52-5	25 - <45 %

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<b>Distillates (petroleum), hydrotreated heavy paraffinic, &lt; 3 % IP 346, &lt; 20.5 cSt @ 40°C</b> Asp. Tox. 1: H304 - Danger	64742-54-7	5 - <25 %
<b>Alkyl borate</b> Eye Irrit. 2A: H319; Skin Irrit. 2: H315 - Warning	Non-applicable	1 - <5 %

## 4. FIRST-AID MEASURES

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.

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

**Inhalation:**

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

**Eye Contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**Skin Contact:**

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected, if necessary, thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

**Ingestion:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**Most important symptoms/effects, acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable (N/A)

## 5. FIRE-FIGHTING MEASURES

NFPA Ratings

**Health: 0**

**Flammability: 1**

**Reactivity: 0**



**Suitable (and unsuitable) extinguishing media:**

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**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the regulation on fire protection systems.

**Unsuitable extinguishing media:**

No data available.

**Specific hazards arising from the chemical:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**Special protective equipment and precautions for fire-fighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit, etc.)

**Additional provisions:**

As in any fire, prevent human exposure to fire, smoke, fumes, or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:  
Methods and materials for containment and cleaning up:**

No health effects expected from the cleanup of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS. Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation, and use. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. It is recommended to have absorbent material available at close proximity to the product.

**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

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**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:**

**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:**

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

<b>Physical State:</b>	Solid
<b>Appearance:</b>	Not available
<b>Color:</b>	Red
<b>Odor:</b>	Not available
<b>Odor threshold:</b>	Not applicable
<b>Boiling point at atmospheric pressure:</b>	Not applicable
<b>Vapor pressure at 68°F:</b>	Not applicable
<b>Vapor pressure at 122°F:</b>	Not applicable
<b>Evaporation rate at 68°F:</b>	Not applicable
<b>Density at 68°F:</b>	922.3 kg/m <sup>3</sup>
<b>Relative density at 68°F:</b>	Not applicable
<b>Dynamic viscosity at 68°F:</b>	Not applicable
<b>Kinematic viscosity at 68°F:</b>	Not applicable
<b>Kinematic viscosity at 104°F:</b>	Not applicable
<b>Concentration:</b>	Not applicable
<b>pH:</b>	Not applicable

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<b>Vapor density at 68°F:</b>	Not applicable
<b>Partition coefficient n-octanol/water 68°F:</b>	Not applicable
<b>Solubility in water at 68°F:</b>	Not applicable
<b>Solubility properties:</b>	Not applicable
<b>Decomposition temperature:</b>	Not applicable
<b>Melting point/freezing point:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability (solid/gas):</b>	Not applicable
<b>Autoignition temperature:</b>	Not applicable
<b>Lower flammability limit:</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower explosive limit:</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No hazardous reactions are expected because the product is stable under recommended storage conditions.
<b>Chemical Stability:</b>	Chemically stable under the indicated conditions of storage, handling and use.
<b>Hazardous Polymerization:</b>	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
<b>Conditions and Materials to Avoid:</b>	Applicable for handling and storage at room temperature. 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).
<b>Incompatible Materials:</b>	Strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available.

### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3

- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

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## B- Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.

- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

## C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.

- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

## D- CMR effects (carcinogenicity, mutagenicity, and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3. IARC: Fuels, diesel, No 2 (3); Distillates (petroleum), hydrotreated heavy naphthenic, < 3 % IP 346(<20.5 cSt @ 40°C) (3); Residual oils (petroleum), solvent-dewaxed, < 3 % IP 346 (3); Distillates (petroleum), hydrotreated heavy paraffinic, < 3 % IP 346, < 20.5 cSt @ 40°C (3); Distillates (petroleum), hydrotreated light naphthenic, < 3 % IP 346, < 20.5 cSt @ 40°C (3)

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

## E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitizing effects. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

## F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

## G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

## H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity (aquatic and terrestrial, where available):** Not available

**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):** Not described

## 13. DISPOSAL CONSIDERATIONS

### **Waste Management:**

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of into drains. Reminder, it is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about accidental release measures.

### **Regulations related to waste management:**

Legislation related to waste management: 40 CFR Solid Wastes - Part 239 through 282. State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

## 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, applicable:** Not applicable

**Environmental hazards (e.g. Marine pollutant) :** None

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

**Special precautions which a user needsto be aware of or needs to comply within connection with transport or conveyance** No data available

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either within or outside their premises:

## 15. REGULATORY INFORMATION

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

- CALIFORNIA LABOR CODE - The Hazardous Substances List: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)
- CANADA-Domestic Substances List (DSL): *Distillates (petroleum), hydrotreated heavy naphthenic*, < 3 % IP 346(<20.5 cSt @ 40°C) (64742-52-5) ; *Distillates (petroleum), hydrotreated heavy paraffinic* , < 3 % IP 346, < 20.5 cSt @ 40°C (64742-54-7)
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Hazardous Air Pollutants (Clean Air Act): Not applicable (N/A)
- Massachusetts RTK - Substance List: Not applicable (N/A)
- Minnesota - Hazardous substances ERTK: Not applicable (N/A)
- New Jersey Worker and Community Right-to-Know Act: Not applicable (N/A)
- New York RTK - Substance list: Not applicable (N/A)
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- Pennsylvania Worker and Community Right-to-Know Law: Not applicable (N/A)
- Rhode Island - Hazardous substances RTK: Not applicable (N/A)
- The Toxic Substances Control Act (TSCA) : *Distillates (petroleum), hydrotreated heavy naphthenic* , < 3 % IP 346(<20.5 cSt @ 40°C) (64742-52-5) ; *Distillates (petroleum), hydrotreated heavy paraffinic* , < 3 % IP 346, < 20.5 cSt @ 40°C (64742-54-7)
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): Not applicable (N/A)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: Not applicable (N/A)

### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

### Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

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

**Revision Date:** 2-6-2024

**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

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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.