



Safety Data Sheet

Product identifier used on the label: Ridgeline Diesel Exhaust Fluid

Stock Number: RIDDEF

Date: 05-27-2021

1. Identification

Product identifier used on the label: Ridgeline Diesel Exhaust Fluid

Stock Number: RIDDEF

Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Diesel Exhaust Fluid

Restrictions on use: Uses other than those described above

Name, address, and telephone

number of the chemical

Parkland Corporation

manufacturer, importer, or other

1800, 240 4 Ave SW, Calgary, AB, T2P 4H4

responsible party:

Phone number: +1-403-357-6400

Emergency phone number: Monday-Friday 8:00am-4:30pm MST

+1-403-357-6400

2. Hazard(s) identification

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

GHS Classification: Skin Irrit. 2 H315

Eye Irrit. 2A H319

STOT SE 3 H335

GHS-US Labelling

Hazard Statements (GHS-US)

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary statements (GHS-US)

P261 - Avoid breathing vapors

P264 - Wash hands, forearms and face thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear eye protection, protective clothing, protective gloves

P302+P352 - If on skin: Wash with plenty of soap and water

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P312 - Call a doctor, a POISON CENTER if you feel unwell

P321 - Specific treatment (see first aid instructions on this label)

P332+P313 - If skin irritation occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

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P362+P364 - Take off contaminated clothing and wash it before reuse
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

3. Composition/information on ingredients

Name	Product Identifier	% (w/w)
Urea	(CAS No) 57-13-6	15-40
Urea, N,N-methylenebis-	(CAS No) 13547-17-6	<=1
Imidodicarbonic diamide	(CAS No) 108-19-0	<=1
Alkalinity, as Ammonia		<=0.1

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 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:

Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion:

No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

Most important symptoms/effects, acute and delayed:

No data available

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

No additional first aid information available.

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5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Unsuitable extinguishing media:

Specific hazards arising from the chemical:

Hazardous combustion products:

Special protective equipment and precautions for fire-fighters:

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.

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

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Methods and materials for containment and cleaning up:

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

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:

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Materials to Avoid/Chemical Incompatibility:

Mildly irritating material. Avoid unnecessary exposure. Follow all protective equipment recommendations provided in Section 8.

Store in a cool dry place. Isolate from incompatible materials.

Strong oxidizing agents

8. Exposure controls/personal protection

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Urea (57-13-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Urea, N,N-methylenebis- (13547-17-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Imidodicarbonic diamide (108-19-0)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established

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.

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: 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:	Clear, Colorless, Yellow.
Odor:	Characteristic
Odor Threshold:	No data available
pH:	10 [Conc. (% w/w): 10%]
Melting point/freezing point:	No data available
Melting Point:	No data available

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Freezing point:	-11 °C (12.2 °F)
Initial boiling point and boiling range (°C):	103 °C (217.4 °F)
Flash Point (°C):	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosivelimits:	No data available
Lower flammability or explosivelimits:	No data available
Vapor pressure:	0.4 mm Hg @ 20 °C (68 °F)
Vapor density:	1.087 - 1.093 g/cm ³ @ 20 °C (68 °F)
Solubility(ies):	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	0.14 mPa.s (0.14 cP)

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10. Stability and reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
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

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 chronic effects from short- and long-term exposure:

Ingestion:	No hazard in normal industrial use. Estimated to be > 5.0 g/kg.
Skin Contact:	Causes skin irritation. pH: 10 [Conc. (% w/w): 10%]
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:	Causes serious eye irritation. pH: 10 [Conc. (% w/w): 10%]
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. 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.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

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Other information: None known.

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): 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): None known

13. Disposal Considerations

Waste treatment methods Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

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

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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

15. Regulatory Information

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

SARA Section 311/312 Hazard Classes Not classified

US State Regulations: Not classified

Canadian Regulations: Not classified

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

Revision Date: 05-27-2021

Revision Number: -

Reason for revision: -

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.