

SAFETY DATA SHEET

Issuing Date 16 July 2021

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Revision Number 1

Canada / English

1. IDENTIFICATION

Product identifier

Product Name Rislone Hy-per Fuel Total Fuel System Cleaner

Other means of identification

Product Code(s) HPF200C

Recommended use of the chemical and restrictions on use

Recommended Use Fuel additive

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Rislone
P.O. Box 187
Holly, MI 48442
USA
Phone: (810)603-1321



Emergency telephone number:

ChemTel Inc. (800)255-3924 (North America)
+1 (813)248-0585 (International)

2. HAZARDS IDENTIFICATION

Classification

| | |
|------------------------|-------------|
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Aspiration toxicity | Category 1 |

Flammable liquids

Category 3

GHS Label elements, including precautionary statements**Danger****Hazard statements**

May cause genetic defects

May cause cancer

May be fatal if swallowed and enters airways

Flammable liquid and vapor

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Ground and bond container and receiving equipment

Use non-sparking tools

Take action to prevent static discharges

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

Fire

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

Causes mild skin irritation Toxic to aquatic life Harmful to aquatic life with long lasting effects

Unknown acute toxicity

98.03432 % of the mixture consists of ingredient(s) of unknown toxicity

93.80009 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

96.23456 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
98.03432 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
98.03432 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
98.03432 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

| Chemical name | CAS No | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--|------------|----------|--|---|
| Paraffinic, naphthenic solvent | 64742-47-8 | 92.72 | - | - |
| Third Party Formulation (TP # 1315010) | - | 0 - 10% | - | - |
| Third Party Formulation (TP # 1493476) | - | 0 - 10% | - | - |
| Third Party Formulation (TP # 1493476) | - | 0 - 10% | - | - |
| Third Party Formulation (TP # 1493476) | - | 0 - 10% | - | - |

4. FIRST AID MEASURES

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required.

Inhalation

Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Ingestion

Aspiration hazard if swallowed - can enter lungs and cause damage. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

Self-protection of the first aider

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Most important symptoms and effects, both acute and delayed

Symptoms Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physicians Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

5. FIRE-FIGHTING MEASURES

| | |
|---|---|
| Suitable Extinguishing Media | Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam. |
| Large Fire | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Unsuitable extinguishing media | Do not scatter spilled material with high pressure water streams. |
| Specific hazards arising from the chemical | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Hazardous Combustion Products | Carbon oxides. |
| Explosion Data | |
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | Yes. |
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

| | |
|-----------------------------|--|
| Personal precautions | Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. |
| Other Information | Ventilate the area. Refer to protective measures listed in Sections 7 and 8. |

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for containment | Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| Methods for cleaning up | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. |

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

Appropriate engineering controls**Engineering controls**

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Tight sealing safety goggles.

Hand protection

Wear suitable gloves. Impervious gloves.

Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. 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 |
| Appearance | Red |
| Odor | Petroleum |
| Color | No information available |
| Odor Threshold | No data available |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
|--|---------------------|----------------|---------------|
| pH | UNKNOWN | | |
| Melting / freezing point | No data available | None known | |
| Boiling point / boiling range | No data available | None known | |
| Flash Point | 57 °C | | |
| Evaporation Rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limit in Air | | None known | |
| Upper flammability limit | No data available | | |
| Lower flammability limit | No data available | | |
| Vapor pressure | No data available | None known | |
| Vapor density | No data available | None known | |
| Relative density | .83 | | |
| Water Solubility | Immiscible in water | | |
| Solubility(ies) | No data available | None known | |
| Partition coefficient: n-octanol/water | Not determined | | |
| Autoignition temperature | No data available | None known | |
| Decomposition temperature | No data available | None known | |
| Kinematic viscosity | No data available | None known | |
| Dynamic viscosity | No data available | None known | |

Other Information

| | |
|----------------------------|---------------------------|
| Explosive properties | No information available. |
| Oxidizing properties | No information available. |
| Softening Point | No information available |
| Molecular Weight | No information available |
| VOC Content (%) | No information available |
| Liquid Density | No information available |
| Bulk Density | No information available |
| Particle Size | No information available |
| Particle Size Distribution | No information available |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | No information 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 | Heat, flames and sparks. |
| Incompatible materials | None known based on information supplied. |
| Hazardous Decomposition Products | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

| | |
|---------------------|--|
| Inhalation | Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. |
| Eye contact | Specific test data for the substance or mixture is not available. May cause irritation. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. |
| Ingestion | Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|-----------------|--|
| Symptoms | Difficulty in breathing. Coughing and/ or wheezing. Dizziness. |
|-----------------|--|

Numerical measures of toxicity**Acute toxicity**

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

ATEmix (oral) 39,063.30 mg/kg

Unknown acute toxicity 98.03432 % of the mixture consists of ingredient(s) of unknown toxicity
 93.80009 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
 96.23456 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
 98.03432 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
 98.03432 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
 98.03432 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|----------------------|-------------------------|------------------------|
| Paraffinic, naphthenic solvent | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| Third Party Formulation (TP # 1315010) | > 15 g/kg (Rat) | > 5000 mg/kg (Rabbit) | - |
| Third Party Formulation (TP # 1493476) | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |

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

| | |
|--|---|
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects. |
| Carcinogenicity | Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer. |

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--|-------|---------|-------|------|
| Third Party Formulation (TP # 1315010) | A2 | Group 1 | Known | X |

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

Legend**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

| | |
|---------------------------------|---|
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | May be fatal if swallowed and enters airways. |

12. ECOLOGICAL INFORMATION

| | |
|--------------------|---|
| Ecotoxicity | Toxic to aquatic life. Harmful to aquatic life with long lasting effects. . |
|--------------------|---|

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--|----------------------|---|----------------------------|---------------------------------------|
| Paraffinic, naphthenic solvent | No data available | 96h LC50: = 2.2 mg/L (Lepomis macrochirus) 96h LC50: = 2.4 mg/L (Oncorhynchus mykiss) 96h LC50: = 45 mg/L (Pimephales promelas) | No data available | No data available |
| Third Party Formulation (TP # 1315010) | No data available | 96h LC50: > 5000 mg/L (Oncorhynchus mykiss) | No data available | 48h EC50: > 1000 mg/L (Daphnia magna) |
| Third Party Formulation (TP # 1493476) | No data available | 96h LC50: = 9.22 mg/L (Oncorhynchus mykiss) | No data available | 48h EC50: = 6.14 mg/L (Daphnia magna) |

| | |
|--------------------------------------|---------------------------|
| Persistence and Degradability | No information available. |
| Bioaccumulation | No information available. |
| Mobility | No information available. |
| Other adverse effects | No information available. |

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|--|--|
| Waste from residues/unused products | Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
|--|--|

| | |
|-------------------------------|---|
| Contaminated packaging | Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. |
|-------------------------------|---|

14. TRANSPORT INFORMATION**TDG**

| | |
|----------------------|---|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III |

DOT

| | |
|---------------------------------|---------------|
| Proper Shipping Name | NOT REGULATED |
| Hazard Class | NON-REGULATED |
| Emergency Response Guide Number | N/A |
| | 128 |

MEX

| | |
|----------------------|---|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III |

ICAO

| | |
|----------------------|--|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III, LTD QTY |

IATA

| | |
|----------------------|--|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| ERG Code | 3L |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III, LTD QTY |

IMDG/IMO

| | |
|----------------------|---|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| EmS-No. | F-E, S-E |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III, (57°C C.C.), LTD QTY |

RID

| | |
|----------------------|---|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III |
| ADR/RID-Labels | 3 |

ADR

| | |
|----------------------|-------------------------------|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |

| | |
|-------------------------|--|
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Tunnel restriction code | (D/E) |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III, (D/E) |

ADN

| | |
|----------------------|---|
| UN-No. | UN1268 |
| Proper Shipping Name | PETROLEUM DISTILLATES, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III |
| Hazard Labels | 3 |
| Limited Quantity | 5 L |
| Ventilation | VE01 |

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

| | |
|---------------|---|
| TSCA | Contact supplier for inventory compliance status. |
| DSL/NDL | Contact supplier for inventory compliance status. |
| EINECS/ELINCS | Contact supplier for inventory compliance status. |
| ENCS | Contact supplier for inventory compliance status. |
| KECL | Contact supplier for inventory compliance status. |
| PICCS | Contact supplier for inventory compliance status. |
| AICS | Contact supplier for inventory compliance status. |

Legend

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

16. OTHER INFORMATION

| | | | | |
|--|---------------------------|-----------------------|---------------------------|---|
| NFPA | Health hazards 2 | Flammability 2 | Instability 0 | Physical and Chemical Properties - |
| HMIS | Health hazards 2 * | Flammability 2 | Physical hazards 0 | Personal Protection X |
| Chronic Hazard Star Legend * = Chronic Health Hazard | | | | |

Prepared By Product Stewardship
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Latham, NY 12110
1-800-572-6501

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Revision Note No information available

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

End of Safety Data Sheet