

SAFETY DATA SHEET

Issuing Date 29 October 2020

Revision Date 26 October 2022

Revision Number 1

1. Identification

Product identifier

Product Name Rislone Hy-per Lube ZDDP Engine Oil Supplement



Other means of identification

Product Code(s) 24405

Recommended use of the chemical and restrictions on use

Recommended Use Engine (motor) oil additive

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Rislone

Address P.O. Box 187
Holly
MI
48442
USA

Telephone Phone:
810.603.1205

Emergency telephone number ChemTel Inc.

Company Emergency Phone Number +1 (813)248-0585

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)

Carcinogenicity	Category 1A - (H350)
-----------------	----------------------

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

H315 - Causes skin irritation

H318 - Causes serious eye damage

H350 - May cause cancer

Health hazard
Corrosion**Precautionary Statements - Prevention**

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P264 - Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

P308 + P313 - IF exposed or concerned: Get medical advice/attention

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

Eyes

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

P310 - Immediately call a POISON CENTER or doctor

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

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

P362 + P364 - Take off contaminated clothing and wash it before reuse

Precautionary Statements - Storage

P405 - Store locked up

Precautionary Statements - Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

Other information

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Components:		
68442-22-8	Phosphorodithioic acid, mixed O, O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts ----- Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 2, H411	10 - <20%
128218-63-3	Butenedioic acid (Z)-, dibutyl ester, polymer with 1-hexdecene and 1-tetradecene	<10%
61789-86-4	Calcium petroleum sulfonate ----- Skin Sens. 1B, H317	<1%
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts ----- Skin Sens. 1B, H317	<1%

4. First-aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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	No information available.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective actions 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	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation.
Other information	Refer to protective measures listed in Sections 7 and 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling 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. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

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.

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.

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 Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Oil; Liquid
Appearance Yellow
Odor Mild
Color No information available
Odor Threshold No information 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	204 C / 399 F	
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	0.91	
Water Solubility	Immiscible in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	Not Applicable	
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.
Stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.

11. Toxicological information**Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
-------------------	--

Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Acute toxicity**Numerical measures of toxicity**

No information available

Unknown acute toxicity 92.16816 % of the mixture consists of ingredient(s) of unknown toxicity
 15.98604 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
 18.05009 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
 92.16816 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
 92.16816 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
 92.16816 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation	> 15 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1230515)	> 15000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 2400 mg/m ³ (Rat) 4 h
3rd Party %: 1.7024 (Third Party Formulation (TP # 1492171)), 3rd Party %: 0.361638 (Third Party Formulation (TP # 1347098))	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
3rd Party %: 0.05768 (Third Party Formulation (TP # 1492171)), 3rd Party %: 1.83263 (Third Party Formulation (TP # 1347098))	-	-	= 3900 mg/m ³ (Rat) 4 h
Third Party Formulation (TP # 1492171)	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5530 mg/m ³ (Rat) 4 h
Third Party Formulation (TP # 1492171)	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h

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

Skin corrosion/irritation Classification based on data available for ingredients. Irritating to skin.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Risk of serious

damage to eyes.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

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	A2	Group 1	Known	X
Third Party Formulation (TP # 1230515)	A2	Group 1	Known	X
3rd Party %: 1.7024 (Third Party Formulation (TP # 1492171)), 3rd Party %: 0.361638 (Third Party Formulation (TP # 1347098))	A2	Group 1	Known	X
3rd Party %: 0.05768 (Third Party Formulation (TP # 1492171)), 3rd Party %: 1.83263 (Third Party Formulation (TP # 1347098))	A2	Group 1	Known	X
Third Party Formulation (TP # 1492171)	A2	Group 1	Known	X
Third Party Formulation (TP # 1492171)	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

Mexico - Secretary of Labor and Social Prevention Official Mexican Norm NOM-010-STPS-2014 Carcinogens

A2 - Suspected Human Carcinogen

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity Toxic to aquatic life Toxic to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Third Party Formulation	.?	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: > 1000 mg/L (Daphnia magna)
Third Party Formulation (TP # 1347098)	.?	96h LC50: 1.0 - 5.0 mg/L (Pimephales promelas) 96h LC50: 10.0 - 35.0 mg/L (Pimephales promelas)	No data available	48h EC50: 1 - 1.5 mg/L (Daphnia magna)
Third Party Formulation (TP # 1230515)	.?	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: > 1000 mg/L (Daphnia magna)
3rd Party %: 1.7024 (Third Party Formulation (TP # 1492171)), 3rd Party %: 0.361638 (Third Party Formulation (TP # 1347098))	.?	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: > 1000 mg/L (Daphnia magna)
3rd Party %: 0.05768 (Third Party Formulation (TP # 1492171)), 3rd Party %: 1.83263 (Third Party Formulation (TP # 1347098))	.?	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: > 1000 mg/L (Daphnia magna)
Third Party Formulation (TP # 1492171)	.?	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: > 1000 mg/L (Daphnia magna)
Third Party Formulation (TP # 1492171)	.?	96h LC50: > 5000 mg/L (Oncorhynchus mykiss)	No data available	48h EC50: > 1000 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 Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. Transport information

<u>MEX</u>	Not regulated
<u>DOT</u>	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

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/NDSL	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/NDSL - 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 3	Flammability 1	Instability 0	Physical and chemical properties -
HMIS	Health hazards 3 *	Flammability 1	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation
C	Carcinogen		

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 29-Oct-2020

Revision Date 26-Oct-2022

Revision Note No information available

NOM-018-STPS-2015

The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

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