SAFETY DATA SHEET

Rislone Diesel Fuel System Treatment

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:	Rislone Diesel Fuel System Treatment
Product no.:	4740

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:	Fuel additive
Uses advised against :	None known.

1.3. Details of the supplier of the safety data sheet

Company and address:	**Rislone** P.O. Box 187 Holly, MI 48442 USA (810) 603-1321 www.Rislone.com
E-mail:	support@rislone.com
SDS date:	13 July 2026
SDS Version:	5.0
Date of previous version:	27 March 2026 (4.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARD(S) IDENTIFICATION

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1. Classification of the substance or mixture

Flam. Liq. 4; H227, Combustible liquid
Skin Irrit. 2; H315, Causes skin irritation.

2.2. Label elements

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
Combustible liquid (H227)
Causes skin irritation. (H315)

Precautionary statement(s):

General:
If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Wash hands and exposed skin thoroughly after handling. (P264)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:
In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish. (P370+P378)

Storage:
Store in a well-ventilated place. Keep cool. (P403+P235)

Disposal:
Dispose of contents/container in accordance with local regulation.
(P501)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Distillates (petroleum), hydrotreated light	CAS No.: 64742-47-8	60-80%	Asp. Tox. 1, H304	[19]
2-butoxyethanol	CAS No.: 111-76-2	5-10%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	

Solvent naphtha (petroleum), light arom.	CAS No.: 64742-95-6	3-5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336	[19]
2-ethylhexyl nitrate	CAS No.: 27247-96-7	3-5%	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332	
Solvent naphtha (petroleum), heavy arom.	CAS No.: 64742-94-5	3-5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336	[19]
1,2,4-trimethylbenzene	CAS No.: 95-63-6	1-3%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335	
2,6-di-tert-butylphenol	CAS No.: 128-39-2	<1%	Skin Irrit. 2, H315	
naphthalene	CAS No.: 91-20-3	<1%	Acute Tox. 4, H302 Carc. 2, H351	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into

	fresh air and stay with him/her.
Skin contact:	IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.
Eye contact:	If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
Ingestion:	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns:	Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

Headache, Methaemoglobinaemia (naphthalene)
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Combustible liquid

In use may form flammable/explosive vapour-air mixture.
Fire will result in dense smoke. Exposure to combustion products may harm your health.
Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Nitrogen oxides (NO_x)
Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Keep only in original packaging.

Liquid class:	Combustible Liquid / Class IIIA (NFPA 30)
Storage conditions:	Dry, cool and well ventilated
Incompatible materials:	Oxidizing agents

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

2-butoxyethanol
Long term exposure limit (OSHA Table Z-1) (mg/m^3): 240
Long term exposure limit (OSHA Table Z-1) (ppm): 50
Long term exposure limit (ACGIH TLV) (ppm): 20

naphthalene
Short term exposure limit (STEL) (ACGIH TLV) (ppm): 15
Short term exposure limit (STEL) (NIOSH REL) (ppm): 15
Long term exposure limit (OSHA Table Z-1) (mg/m^3): 50
Long term exposure limit (OSHA Table Z-1) (ppm): 10
Long term exposure limit (ACGIH TLV) (ppm): 10

p-xylene;m-xylene;xylene;o-xylene
Short term exposure limit (STEL) (ACGIH TLV) (ppm): 150
Short term exposure limit (STEL) (NIOSH REL) (ppm): 150
Long term exposure limit (OSHA Table Z-1) (mg/m^3): 435
Long term exposure limit (OSHA Table Z-1) (ppm): 100
Long term exposure limit (ACGIH TLV) (ppm): 100

No substances are listed with a permissible exposure limit CIB 66 [NIOSH 2014-100]
Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:	Smoking, drinking and consumption of food is not allowed in the work area.
Exposure scenarios:	There are no exposure scenarios implemented for this product.
Exposure limits:	Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures: The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

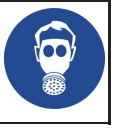
Hygiene measures: Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure: No specific requirements.

Individual protection measures, such as personal protective equipment

Generally: Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
In case of inadequate ventilation	Combination filter AXP1		Brown/White	EN14387, EN143	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
When there is risk of splash- / intermittent exposure	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

▼ *Eye protection:*

Type	Standards	
Safety glasses with side shields.	EN 166 / EN ISO 16321-1	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Green, Yellow
Odor:	Petroleum-like
Odor threshold (ppm):	No data available.
pH:	Not determined
Density (g/cm^3):	No data available.
	-
Relative density:	0.80-0.83
Kinematic viscosity:	Not determined
Particle characteristics:	Does not apply to liquids.

Phase changes

Melting point/freezing point (°F):	Not determined
Softening point/range (°F):	Does not apply to liquids.
Boiling point (°F):	-
Boiling point (°C):	92
Vapor pressure:	Not determined
Relative vapor density:	No data available.
Decomposition temperature (°F):	No data available.

Data on fire and explosion hazards

Flash point (°F):	-
Flash point (°C):	62
Flammability (°F):	Not applicable
Auto-ignition temperature (°F):	-
Auto-ignition temperature (°C):	215
Explosion limits (% v/v):	Not applicable

Solubility

Solubility in water:	Insoluble
n-octanol/water coefficient (LogKow):	No data available.
Solubility in fat (g/L):	No data available.

9.2. Other information

Evaporation rate (n-butylacetate = 100):	Not determined
Other physical and chemical parameters:	No data available.
Oxidizing properties:	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies
None known.

10.4. Conditions to avoid
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
Heat, flames, and sparks

10.5. Incompatible materials
Oxidizing agents

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Based on available data, the classification criteria are not met.

Respiratory sensitisation
Based on available data, the classification criteria are not met.

Skin sensitisation
Based on available data, the classification criteria are not met.

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Based on available data, the classification criteria are not met.

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.

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Other information

2-butoxyethanol has been classified by IARC as a group 3.
naphthalene has been classified by IARC as a group 2B.
p-xylene;m-xylene;xylene;o-xylene has been classified by IARC as a group 3.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Based on available data, the classification criteria are not met.

12.3. Bioaccumulative potential

Based on available data, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

naphthalene is listed with EPA Hazardous Waste Number: U165
p-xylene;m-xylene;xylene;o-xylene is listed with EPA Hazardous Waste Number: U239

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
DOT	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	Yes	Limited quantities: 5 L Tunnel restriction code: (-) See below for additional information.
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	Yes	Limited quantities: 5 L EmS: F-A S-F See below for additional information.
IATA	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	Yes	See below for additional information.

* Packing group
** Environmental hazards

▼Additional information

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.
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DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

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

15.2. ▼U.S. Federal regulations

▼*TSCA (the non-confidential portion):*	Distillates (petroleum), hydrotreated light is listed 2-butoxyethanol is listed Solvent naphtha (petroleum), light arom. is listed 2-ethylhexyl nitrate is listed Solvent naphtha (petroleum), heavy arom. is listed 1,2,4-trimethylbenzene is listed Oleic acid is listed mesitylene is listed Distillates (petroleum), hydrotreated light paraffinic is listed 2,6-di-tert-butylphenol is listed naphthalene is listed p-xylene;m-xylene;xylene;o-xylene is listed Trimethylbenzene is listed 2-ethylhexan-1-ol is listed
Clean Air Act:	naphthalene is regulated as a hazardous air pollutant (HAPS) p-xylene;m-xylene;xylene;o-xylene is regulated as a hazardous air pollutant (HAPS)
EPCRA Section 302:	None of the components are listed
EPCRA Section 304:	None of the components are listed
EPCRA section 313:	1,2,4-trimethylbenzene is listed naphthalene is listed p-xylene;m-xylene;xylene;o-xylene is listed
CERCLA:	naphthalene is regulated with a Reportable Quantity (RQ) of: 100 pounds p-xylene;m-xylene;xylene;o-xylene is regulated with a Reportable Quantity (RQ) of: 100 pounds
Hazardous chemical inventory reporting:	

15.3. ▼State regulations

▼*California / Prop. 65:*	naphthalene is known to cause: Cancer NSRL/MADL (µg/day): 5,8 —
▼*Massachusetts / Right To Know Act:*	2-butoxyethanol is listed

	1,2,4-trimethylbenzene is listed mesitylene is listed Distillates (petroleum), hydrotreated light paraffinic is listed naphthalene is listed p-xylene;m-xylene;xylene;o-xylene is listed Trimethylbenzene is listed 2-ethylhexan-1-ol is listed
▼ *New Jersey / Right To Know Act:*	2-butoxyethanol / Substance number: 0275 2-butoxyethanol is on the Special Health Hazard Substance List — 1,2,4-trimethylbenzene / Substance number: 2716 — naphthalene / Substance number: 1322 naphthalene is on the Special Health Hazard Substance List — p-xylene;m-xylene;xylene;o-xylene / Substance number: 2014 p-xylene;m-xylene;xylene;o-xylene is on the Special Health Hazard Substance List — Trimethylbenzene / Substance number: 1929 —
▼ *New York / Right To Know Act:*	2-butoxyethanol is listed 2-butoxyethanol is regulated with a Treshold Reporting Quantity (TRQ) of: 10 pounds — 1,2,4-trimethylbenzene is listed 1,2,4-trimethylbenzene is regulated with a Treshold Reporting Quantity (TRQ) of: 100 pounds — mesitylene is listed mesitylene is regulated with a Treshold Reporting Quantity (TRQ) of: 100 pounds — naphthalene is listed naphthalene is regulated with a Reportable Quantity (RQ) of: 100 pounds naphthalene is regulated with a Treshold Reporting Quantity (TRQ) of: 0 pounds

	— p-xylene;m-xylene;xylene;o-xylene is listed p-xylene;m-xylene;xylene;o-xylene is regulated with a Reportable Quantity (RQ) of: 1000 pounds p-xylene;m-xylene;xylene;o-xylene is regulated with a Treshold Reporting Quantity (TRQ) of: 0 pounds — Trimethylbenzene is listed Trimethylbenzene is regulated with a Treshold Reporting Quantity (TRQ) of: 100 pounds —
▼*Pennsylvania / Right To Know Act:*	2-butoxyethanol is listed — 1,2,4-trimethylbenzene is listed 1,2,4-trimethylbenzene is hazardous to the environment (E) — Oleic acid is listed — naphthalene is listed naphthalene is hazardous to the environment (E) — p-xylene;m-xylene;xylene;o-xylene is listed p-xylene;m-xylene;xylene;o-xylene is hazardous to the environment (E) — Trimethylbenzene is listed — 2-ethylhexan-1-ol is listed —

15.4. Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H312, Harmful in contact with skin.
H315, Causes skin irritation.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H336, May cause drowsiness or dizziness.
H351, Suspected of causing cancer.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CERCLA = Comprehensive Environmental Response Compensation and Liability Act
DOT = Department of Transportation
EINECS = European Inventory of Existing Commercial chemical Substances
EPCRA = Emergency Planning and Community Right-To-Know Act
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HCIS = Hazardous Chemical Information System
HNOC = Hazards Not Otherwise Classified
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogKow = logarithm of the n-octanol/water coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NFPA = National Fire Protection Association
NIOSH = National Institute for Occupational Safety and Health
OECD = Organisation for Economic Co-operation and Development
OSHA = Occupational Safety and Health Administration
PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SARA = Superfund Amendments and Reauthorization Act
SCL = A specific concentration limit.
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TSCA = The Toxic Substances Control Act
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

The safety data sheet is validated by

NL

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: US-en