Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: 05.02.2021

1 Identification

· Product identifier

· Trade name: Rislone® Diesel Fuel System Treatment - Right Side

· Product code: 34740

· Recommended use and restriction on use

· Recommended use: Treatment for diesel fuel.

· Restrictions on use: No relevant 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



ChemTel Inc.

(800) 255-3924 (North America) (801) 1 (813)248-0585 (International)



2 Hazard(s) identification

· Classification of the substance or mixture

Flam. Lig. 3 H226 Flammable liquid and vapor.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

· Label elements

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms:







GHS02 GHS07 GHS08

· Signal word: Danger

· Hazard statements:

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer. Route of exposure: Inhalation.

H304 May be fatal if swallowed and enters airways.

· Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

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	(Cont'd. of page 1)
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P331	Do NOT induce vomiting.
P321	Specific treatment (see on this label).
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with
	water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international
	regulations.

[·] Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

Component	ts:	
64742-47-8	Distillates (petroleum), hydro- treated light \$\infty\$ Asp. Tox. 1, H304 Flam. Liq. 4, H227	60-80%
111-76-2	2-butoxyethanol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319 Flam. Liq. 4, H227	10-<20%
64742-95-6	Hydrocarbons,C9,aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 TOT SE 3, H335-H336	<10%
112-80-1	oleic acid, pure Eye Irrit. 2B, H320	<3%
64742-94-5	Solvent naphtha (petroleum), heavy arom. Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336 Flam. Liq. 4, H227	<3%
95-63-6	1,2,4-trimethylbenzene Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	<3%

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	(Co	nt'd. of page 2)
108-67-8	mesitylene	<3%
	Flam. Liq. 3, H226 STOT SE 3, H335	
1330-20-7	Xylene	<1%
	♦ Flam. Liq. 3, H226	
	& Asp. Tox. 1, H304	
	Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A,	
	H319; STOT SE 3, H335	
98-82-8	Cumene	<1%
	♦ Flam. Liq. 3, H226	
	& Carc. 2, H351; Asp. Tox. 1, H304	
	Acute Tox. 4, H302; STOT SE 3, H335	
91-20-3	Naphthalene	<1%
	♦ Flam. Sol. 2, H228	
	& Carc. 2, H351	
	Acute Tox. 4, H302	

Additional information:

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

- · Description of first aid measures
- · After inhalation:

Supply fresh air.

Provide oxygen treatment if affected person has difficulty breathing.

If experiencing respiratory symptoms: Call a poison center/doctor.

· After skin contact:

Immediately remove any clothing soiled by the product.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash with soap and water.

If skin irritation continues, consult a doctor.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

A person vomiting while lying on their back should be turned onto their side.

· Most important symptoms and effects, both acute and delayed:

Breathing difficulty

Dizziness

Coughing

Causes eye irritation.

Causes skin irritation.

· Danger:

Danger of impaired breathing.

May be fatal if swallowed and enters airways.

May cause cancer. Route of exposure: Inhalation.

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· Indication of any immediate medical attention and special treatment needed:

If swallowed or in case of vomiting, danger of entering the lungs.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Later observation for pneumonia and pulmonary edema.

If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents:

Foam

Carbon dioxide

Fire-extinguishing powder

Gaseous extinguishing agents

Water fog / haze

- · For safety reasons unsuitable extinguishing agents: Water stream.
- · Special hazards arising from the substance or mixture Flammable liquid and vapor.
- · Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

· Additional information: Eliminate all ignition sources if safe to do so.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

· Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· Methods and material for containment and cleaning up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- Handling
- · Precautions for safe handling:

(Cont'd. on page 5)

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Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Flammable liquid and vapor.

- · Conditions for safe storage, including any incompatibilities
- · Requirements to be met by storerooms and receptacles:

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

· Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

· Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

· Control parar	meters
· Components w	rith limit values that require monitoring at the workplace:
64742-47-8 Dis	tillates (petroleum), hydro- treated light
EL (Canada)	Long-term value: 200 mg/m³ Skin
111-76-2 2-but	oxyethanol
PEL (USA)	Long-term value: 240 mg/m³, 50 ppm Skin
REL (USA)	Long-term value: 24 mg/m³, 5 ppm Skin
TLV (USA)	Long-term value: 97 mg/m³, 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm
EV (Canada)	Long-term value: 20 ppm Skin
LMPE (Mexico)	Long-term value: 20 ppm A3, IBE
95-63-6 1,2,4-tr	imethylbenzene
REL (USA)	Long-term value: 125 mg/m³, 25 ppm
TLV (USA)	Long-term value: 123 mg/m³, 25 ppm
108-67-8 mesit	ylene
REL (USA)	Long-term value: 125 mg/m³, 25 ppm
TLV (USA)	Long-term value: 123 mg/m³, 25 ppm
1330-20-7 Xyle	ne
PEL (USA)	Long-term value: 435 mg/m³, 100 ppm
REL (USA)	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
	(Cont'd. on page 6)

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		(Cont'd. of page 5)
TLV (USA)	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm	(======================================
	BEI	
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm	
	Short-term value: 650 mg/m³, 150 ppm	
L V (Gariada)	Long-term value: 435 mg/m³, 100 ppm	
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm	
	A4, IBE	
98-82-8 Cumer	ne	
PEL (USA)	Long-term value: 245 mg/m³, 50 ppm Skin	
REL (USA)	Long-term value: 245 mg/m³, 50 ppm Skin	
TLV (USA)	Long-term value: (246) NIC-5 mg/m³, (50) NIC-1 ppm NIC-A3	
EL (Canada)	Short-term value: 75 ppm Long-term value: 25 ppm	
	IARC 2B	
EV (Canada)	Long-term value: 245 mg/m³, 50 ppm Skin	
, ,	Long-term value: 50 ppm	
91-20-3 Naphth	nalene	
PEL (USA)	Long-term value: 50 mg/m³, 10 ppm	
REL (USA)	Short-term value: 75 mg/m³, 15 ppm Long-term value: 50 mg/m³, 10 ppm	
TLV (USA)	Long-term value: 52 mg/m³, 10 ppm Skin; BEI	
EL (Canada)	Long-term value: 10 ppm Skin; IARC 2B	
EV (Canada)	Short-term value: 78 mg/m³, 15 ppm Long-term value: 52 mg/m³, 10 ppm	
LMPE (Mexico)		
	Long-term value: 10 ppm A4, PIEL	
· Ingredients wit	th biological limit values:	
111-76-2 2-but		
	mg/g creatinine dium: urine	
	e: end of shift	
l I	ameter: Butoxyacetic acid with hydrolysis	
1330-20-7 Xyle		
BEI (USA) 1.5	g/g creatinine lium: urine	
	e: end of shift	
		(Cont'd. on page 7)

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Parameter: Methylhippuric acids

- Exposure controls
- · General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

- · Engineering controls: Provide adequate ventilation.
- Breathing equipment: Suitable respiratory protective device recommended.
- · Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product.

· Eye protection:



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

- · Body protection: Protective work clothing
- · Limitation and supervision of exposure into the environment

No relevant information available.

9 Physical and chemical properties		
· Information on basic physical	and chemical properties	
· Appearance:		
Form:	Liquid	
Color:	Clear to light yellow.	
· Odor:	Mineral-oil-like	
· Odor threshold:	Not determined.	
· pH-value:	Not determined.	
· Melting point/Melting range:	Not determined.	
 Boiling point/Boiling range: 	Not determined.	
· Flash point:	57 °C (134.6 °F)	
· Auto-ignition temperature:	Not determined.	
· Decomposition temperature:	Not determined.	
· Danger of explosion:	Product is not explosive. However, formation of explosive air vapor mixtures are possible.	
· Explosion limits		
Lower:	Not determined.	
	(Cont'd. on page 8	

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		(Cont'd. of page 7
Upper:	Not determined.	
Oxidizing properties:	Non-oxidizing.	
· Vapor pressure:	Not determined.	
· Density:		
Relative density:	Not determined.	
Vapor density:	Not determined.	
Evaporation rate:	Not determined.	
· Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/wa	ater): Not determined.	
· Viscosity		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Other information	No relevant information available.	

10 Stability and reactivity

- · Reactivity: No relevant information available.
- · Chemical stability: Stable under normal temperatures and pressures.
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

· Possibility of hazardous reactions

Flammable liquid and vapor.

Used empty containers may contain product gases which form explosive mixtures with air. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

- · Conditions to avoid Keep ignition sources away Do not smoke.
- · Incompatible materials Oxidizing agents.
- · Hazardous decomposition products Carbon monoxide and carbon dioxide

11 Toxicological information

- Information on toxicological effects
- · Acute toxicity: Based on available data, the classification criteria are not met.
- · LD/LC50 values that are relevant for classification: None.
- · Primary irritant effect:
- · On the skin: Irritant to skin and mucous membranes.
- · On the eye: Causes eye irritation.
- · Sensitization: Based on available data, the classification criteria are not met.

· IARC (Ir	ternational Agency for Research on Cancer):	
98-82-8	Cumene	2B
91-20-3	Naphthalene	2B
· NTP (Na	tional Toxicology Program):	

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		(Cont'd. of page 8)
98-82-8	Cumene	R
91-20-3	Naphthalene	R
· OSHA-C	Ca (Occupational Safety & Health Administration):	
None of	the ingredients are listed.	

· Probable route(s) of exposure:

Ingestion.

Inhalation.

Eve contact.

Skin contact.

- · Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Suspected of causing cancer. Route of exposure: Inhalation.
- · 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: May be fatal if swallowed and enters airways.

12 Ecological information

- · Toxicity
- · Aquatic toxicity

Harmful to aquatic life with long lasting effects.

64742-94-5 Solvent naphtha (petroleum), heavy arom.

LC50 3.6 mg/l (Oncorhynchus mykiss)

91-20-3 Naphthalene

LC50 1-10 mg/l (daphnia)

- · Persistence and degradability No relevant information available.
- · Bioaccumulative potential: No relevant information available.
- · Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

· Other adverse effects No relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- · Uncleaned packagings
- · Recommendation: Disposal must be made according to official regulations.

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Transport information	
UN-Number DOT ADR/RID/ADN, IMDG, IATA	NA1993 UN1268
UN proper shipping name DOT	Combustible liquid, n.o.s. (Distillates (petroleur hydro- treated light, 2-butoxyethanol)
ADR/RID/ADN, IMDG IATA	PETROLEUM DISTILLATES, N.O.S. Petroleum distillates. n.o.s.
Transport hazard class(es)	
DOT	
COMPANT THE STATE OF THE STATE	
Class	3
LabelADR/RID/ADN	3
ADMINISTRATION	
Class Label	3 (F1) 3
IMDG, IATA	
Class	3
Label	3
Packing group DOT, ADR/RID/ADN, IMDG, IATA	III
Environmental hazards Marine pollutant:	No
Special precautions for user Danger code (Kemler): EMS Number:	Warning: Flammable liquids 30 F-E,S-E
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.
Transport/Additional information:	

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	(Cont'd. of page
·DOT	Classified as combustible under US DOT regulation Labeling is only required for single packages 119 gal / 450 L.
5 Regulatory information	
	I regulations/legislation specific for the substance
mixture	r regulations/legislation specific for the substance
· United States (USA)	
· SARA	
· Section 302 (extremely hazardous sub	ostances):
None of the ingredients are listed.	
· Section 355 (extremely hazardous sub	ostances):
None of the ingredients are listed.	
· Section 313 (Specific toxic chemical I	istings):
111-76-2 2-butoxyethanol	
95-63-6 1,2,4-trimethylbenzene	
TSCA (Toxic Substances Control Act)	
All ingredients are listed or exempt.	
· Proposition 65 (California)	
· Chemicals known to cause cancer:	
98-82-8 Cumene	
91-20-3 Naphthalene	
· Chemicals known to cause developm	ontal toxicity for famalos:
None of the ingredients are listed.	ental toxicity for females.
	and all the 2-20 from markets
· Chemicals known to cause developm	ental toxicity for males:
None of the ingredients are listed.	
· Chemicals known to cause developm	ental toxicity:
None of the ingredients are listed.	
· EPA (Environmental Protection Agend	
111-76-2 2-butoxyethanol	NL
95-63-6 1,2,4-trimethylbenzene	II
108-67-8 mesitylene	II
1330-20-7 Xylene	
98-82-8 Cumene	D, CF
91-20-3 Naphthalene	C, CI
· IARC (International Agency for Resea	<u> </u>
98-82-8 Cumene	
91-20-3 Naphthalene	
· Canadian Domestic Substances List (

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All ingredients are listed or exempt.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Flam. Liq. 3: Flammable liquids - Category 3

Flam. Liq. 4: Flammable liquids - Category 4

Flam. Sol. 2: Flammable solids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation - Category 2B

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

Asp. Tox. 1: Aspiration hazard - Category 1

· Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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