



Conforms to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

## SAFETY DATA SHEET

# Diesel Fuel System Treatment

### SECTION 1: IDENTIFICATION

#### 1.1. Product identifier

*Trade name:* Diesel Fuel System Treatment  
*Product no.:* 34740

#### 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:* 20 November 2025

*SDS Version:* 3.0

*Date of previous version:* 24 January 2024 (2.0)

#### 1.4. ▼ Emergency telephone number

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

### SECTION 2: HAZARD(S) IDENTIFICATION

Classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

#### 2.1. ▼ Classification of the substance or mixture

Flam. Liq. 4; H227, Combustible liquid  
Carc. 2; H351, Suspected of causing cancer.

#### 2.2. Label elements



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▼ Hazard pictogram(s):



▼ Signal word:

Warning

▼ Hazard statement(s):

Combustible liquid (H227)  
Suspected of causing cancer. (H351)

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:

Obtain special instructions before use. (P201)  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Wear eye protection/protective gloves/protective clothing. (P280)

▼ Response:

IF exposed or concerned: Get medical advice/attention. (P308+P313)  
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)  
Store locked up. (P405)

▼ Disposal:

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

▼ Hazardous substances:

Does not contain any substances required to report

### 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;Kerosine - unspecified;[A complex combination of	CAS No.: 64742-47-8	80-95%	Asp. Tox. 1, H304	[19]



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hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]				
2-butoxyethanol	CAS No.: 111-76-2	1-3%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	
Solvent naphtha (petroleum), heavy arom.	CAS No.: 64742-94-5	1-3%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336	[19]
Solvent naphtha (petroleum), light arom.	CAS No.: 64742-95-6	1-3%	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	1-3%	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332	
naphthalene	CAS No.: 91-20-3	<0.25%	Acute Tox. 4, H302 Carc. 2, H351	
2,6-di-tert-butylphenol	CAS No.: 128-39-2	<0.25%	Skin Irrit. 2, H315	

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:*

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. 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)

**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.

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**5.1. Extinguishing media**



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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<sub>x</sub>)

Carbon oxides (CO / CO<sub>2</sub>)

## **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact a poison centre in order to obtain further advice. See section 1 "Emergency telephone number".

## **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 direct contact with the product.

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.

*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.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**8.1. Control parameters**

ALBERTA

2-butoxyethanol

Long term exposure limit (8 hours) (ppm): 20

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 97

Annotations:

3 = Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.

naphthalene

Long term exposure limit (8 hours) (ppm): 10

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 52

Short term exposure limit (15 minutes) (ppm): 15

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 79

Annotations:

1 = Substance may be readily absorbed through intact skin.

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

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BRITISH COLUMBIA

2-butoxyethanol

Time-Weighted Average Limit (TWA): 20 ppm

naphthalene

Time-Weighted Average Limit (TWA): 10 ppm

Annotations:

Skin = The substances contributes significantly to the overall exposure by the skin route.

OHS Regulation Part 5: Chemical Agents and Biological Agents.

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ONTARIO

2-butoxyethanol



Time-Weighted Average Limit (TWA): 20 ppm  
naphthalene

Time-Weighted Average Limit (TWA): 10 ppm

Annotations:

"Skin" = Danger of cutaneous absorption.

Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario  
Regulation 490/09 (Designated Substances)

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QUEBEC

2-butoxyethanol

Long term exposure limit (8 hours) (ppm): 20

Annotations:

Note 3 = Where the use of these products is permitted.

naphthalene

Long term exposure limit (8 hours) (ppm): 10

Annotations:

Pc = Potentially significant contribution to the overall exposure by the cutaneous route. The  
cutaneous route includes mucous membranes and the eyes.

Note 3 = Where the use of these products is permitted.

Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

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SASKATCHEWAN

2-butoxyethanol

Long term exposure limit (8 hours) (ppm): 20

Short term exposure limit (15 minutes) (ppm): 30

naphthalene

Long term exposure limit (8 hours) (ppm): 10

Short term exposure limit (15 minutes) (ppm): 15

Annotations:

Skin = Potentially harmful after absorption through the skin or mucous membranes

The Occupational Health and Safety Regulations, 2020, Chapter S15.1 Reg 10.

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## 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:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

Keep damming materials near the workplace. If possible, collect spillage during work.

**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.	EN166	



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<i>Physical state:</i>	Liquid
<i>Colour:</i>	Green
<i>Odour:</i>	Petroleum-like
▼ <i>Odour threshold (ppm):</i>	No data available.
<i>pH:</i>	Not determined
<i>Density (g/cm<sup>3</sup>):</i>	-
▼ <i>Relative density:</i>	0.80-0.83
<i>Kinematic viscosity:</i>	Not determined
<i>Particle characteristics:</i>	Does not apply to liquids.

### Phase changes

<i>Melting point/Freezing point (°C):</i>	Not determined
▼ <i>Softening point/range (°F):</i>	Does not apply to liquids.
<i>Boiling point (°C):</i>	92
<i>Vapour pressure:</i>	Not determined
▼ <i>Relative vapour density:</i>	No data available.
▼ <i>Decomposition temperature (°C):</i>	No data available.

### Data on fire and explosion hazards

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

### Solubility

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

### 9.2. Other information

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

## SECTION 10: STABILITY AND REACTIVITY



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**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**

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.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**11.1. Information on toxicological effects**

**▼ Acute toxicity**

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

**▼ Skin corrosion/irritation**

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

**▼ Serious eye damage/irritation**

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

**▼ Respiratory sensitisation**

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

**▼ Skin sensitisation**

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

**▼ Germ cell mutagenicity**

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

**Carcinogenicity**

Suspected of causing cancer.

**▼ Reproductive toxicity**

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

**▼ STOT-single exposure**

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

**▼ STOT-repeated exposure**

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

**▼ Aspiration hazard**



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

**▼ Long term effects**

None known.

**Other information**

2-butoxyethanol has been classified by IARC as a group 3 carcinogen.

naphthalene has been classified by IARC as a group 2B carcinogen.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. ▼ Toxicity**

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

**12.2. ▼ Persistence and degradability**

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

**12.3. ▼ Bioaccumulative potential**

Based on available data for the mixture, 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**

**Waste treatment methods**

naphthalene is listed with EPA Hazardous Waste Number: U165

**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 informat ion:
TDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphtha (petroleum), heavy arom.)	Transport hazard class: 9 Label: 9 Classification code: M6	III	No	Limited quantitie s: 5 L Tunnel restrictio



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	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
						n code: (-) See below for additional informati on.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

**▼ Additional information**

These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of TDG/IMDG/IATA provided the packaging's meet the general provisions of packaging.

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TDG / See Schedule 1 for any information on special provisions, requirements, or warnings in connection with transport. See part 3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

**SECTION 15: REGULATORY INFORMATION**

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

**15.2. ▼ Canadian lists**

▼ *NDSL*:

None of the components are listed

▼ *DSL*:

Distillates (petroleum), hydrotreated light;Kerosine - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of



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approximately 150 °C to 290 °C (302 °F to 554 °F).]  
2-butoxyethanol  
Solvent naphtha (petroleum), heavy arom.  
Solvent naphtha (petroleum), light arom.  
2-ethylhexyl nitrate  
naphthalene  
2,6-di-tert-butylphenol

#### 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.

#### ▼ Additional information

Not applicable.

#### 15.7. Chemical safety assessment

No

#### Sources

Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

## 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.  
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

ANSI = American National Standards Institute  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
DSL = Domestic Substances List  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
HHNOC = Health Hazards Not Otherwise Classified



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IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NDSL = Non-domestic substances list  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PHNOC = Physical Hazards Not Otherwise Classified  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
SCL = A specific concentration limit.  
SOR = Statutory Orders and Regulations  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TDG = Transportation of Dangerous Goods  
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  
WHIMS = Workplace Hazardous Materials Information System

### **Additional information**

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by WHMIS 2022

### **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: CA-en