

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 1 of 12
Revision: 10 August 2022

1 Identification

Product Identifier

Trade Name: Rislone Diesel Additive- Left Side

Product Code: 4740

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



Emergency telephone number:

ChemTel Inc.

(800) 255-3924 (North America)

+1 (813) 248-0585 (International)

2 Hazard(s) Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Aspiration hazard	Category 1
Flammable liquids	Category 4

Hazards not otherwise classified (HNOC)

Not applicable

Label Elements

Danger

Hazard statements

May cause genetic defects

May cause cancer

May be fatal if swallowed and enters airways

Combustible liquid

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 2 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side



Appearance: Green Liquid

Physical State: Liquid

Odor: Petroleum distillates

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

Keep away from flames and hot surfaces- No smoking

Precautionary Statements- Response

IF exposed or concerned: Get medical advice/attention

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

In case of fire: Use CO₂, dry chemical, or 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

May be harmful in contact with skin

Toxic to aquatic life with long lasting effects

Harmful to aquatic life

Unknown acute toxicity

2.5% of the mixture consists of ingredient(s) of unknown toxicity

2.5% of the mixture consists of ingredient(s) of unknown acute oral toxicity

2.5% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

2.5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

2.5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

2.5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3 Composition/information on Ingredients

Substance

Not applicable

Mixture

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 3 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

Chemical name	CAS No.	Weight-%	Trade Secret
Paraffinic, naphthenic solvent	64742-47-8	70-100	*
Naphtha (petroleum), heavy aromatic	64742-94-5	1-5	*
2-Ethylhexyl nitrate	27247-96-7	1-5	*
Aromatic solvent	64742-95-6	1-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4 First-aid Measures

Description of first aid measures

General advice	IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
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. Get immediate medical advice/attention. 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. Remove contact lenses, if present and easy to do. Continue rinsing.
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. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required.

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.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 4 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

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. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Ensure adequate ventilation. Use personal protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and materials 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. Dike far ahead of liquid spill 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. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions 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. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Store away from other materials.

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 5 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

8 Exposure Controls/Personal Protection

Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Naphthalene 91-20-3	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m ³ (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m ³	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³

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
Skin and body protection Wear suitable protective 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 Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. 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 Liquid
Appearance Green Liquid
Color Green
Odor Petroleum distillates
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks •Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	62°C / 143.6°F	

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 6 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.80 - 0.83	
Water solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
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
 <u>Other information</u>		
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	

10 Stability and Reactivity

Reactivity	No information available
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None under normal processing
Conditions to avoid	Heat, flames and sparks
Incompatible materials	None known based on information supplied
Hazardous decomposition products	None known based on information supplied

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.

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 7 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

Skin contact Repeated exposure may cause skin dryness or cracking. May be harmful in contact with skin.

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.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral) 5,289.20 mg/kg

ATEmix (dermal) 2,112.90 mg/kg

Unknown acute toxicity

2.5% of the mixture consists of ingredient(s) of unknown toxicity

2.5% of the mixture consists of ingredient(s) of unknown acute oral toxicity

2.5% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

2.5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

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2.5% 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 64742-47-8	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>5.2 mg/L (Rat) 4 h
Naphtha (petroleum), heavy aromatic 64742-94-5	>5000 mg/kg (Rat)	>2 mL/kg (Rabbit)	>590 mg/m ³ (Rat) 4 h
Aromatic solvent 64742-95-6	=8400 mg/kg (Rat)	>2000 mg/kg (Rabbit)	=3400 ppm (Rat) 4 h
Naphthalene 91-20-3	=1110 mg/kg (Rat)	=1120 mg/kg (Rabbit) >20 g/kg (Rabbit)	>340 mg/m ³ (Rat) 1 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 Classification based on data available for ingredients. Contains a known or suspected mutagen.

Carcinogenicity Classification based on data available for ingredients

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 8 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

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

Chemical name	ACGIH	IARC	NTP	OSHA
Naphthalene 91-20-3	A3	Group 2B	Reasonably Anticipated	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human 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
Other adverse effects	No information available
Interactive effects	None

12 Ecological Information

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

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Paraffinic, naphthenic solvent 64742-47-8	-	LC50: =45mg/L (96h, Pimephales promelas) LC50: =2.2mg/L (96h, Lepomis macrochirus) LC50: =2.4mg/L (96h, Oncorhynchus mykiss)	-	-

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 9 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

Naphtha (petroleum), heavy aromatic 64742-94-5	-	LC50: =19mg/L (96h, Pimephales promelas) LC50: =2.34mg/L (96h, Oncorhynchus mykiss) LC50: =1740 mg/L (96h, Lepomis macrochirus) LC50: =45mg/L (96h, Pimephales promelas) LC50: =41mg/L (96h, Pimephales promelas)	-	EC50: =0.95mg/L (48h, Daphnia magna)
Aromatic solvent 64742-95-6	-	LC50: =9.22mg/L (96h, Oncorhynchus mykiss)	-	EC50: =6.14mg/L (48h, Daphnia magna)
Naphthalene 91-20-3	-	LC50: 5.74-6.44mg/L (96h, Pimephales promelas) LC50: =1.6mg/L (96h, Oncorhynchus mykiss) LC50: 0.91-2.82mg/L (96h, Oncorhynchus mykiss) LC50: =1.99mg/L (96h, Pimephales promelas) LC50: =31.0265mg/L (96h, Lepomis macrochirus)	EC50= 0.96mg/L 30min EC50>20mg/L 18h	LC50: =2.16mg/L (48h, Daphnia magna) EC50: =1.96mg/L (48h, Daphnia magna) EC50: 1.09-3.4mg/L (48h, Daphnia magna)

Persistence and degradability No information available

Bioaccumulation There is no data for this product

Component Information

Chemical name	Partition coefficient
Naphtha (petroleum), heavy aromatic 64742-94-5	6.1
Naphthalene 91-20-3	3.3

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.

US EPA Waste Number F025

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page **10** of **12**

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

Chemical name	RCRA	RCRA- Basis for Listing	RCRA- D Series Wastes	RCRA – U Series Wastes
Naphthalene 91-20-3	U165	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145	-	U165

Chemical name	RCRA- Halogenated Organic Compounds	RCRA- P Series Wastes	RCRA- F Series Wastes	RCRA- K Series Wastes
Naphthalene 91-20-3	-	-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	-

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as hazardous waste.

Chemical name	California Hazardous Waste Status
Naphthalene 91-20-3	Toxic

14 Transport Information

DOT Not regulated.

IATA Not regulated.

IMDG Not regulated.

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 11 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

15 Regulatory Information

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Naphthalene 91-20-3	100 lb	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Naphthalene 91-20-3	100lb 1lb	-

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Naphthalene 91-20-3	Carcinogen

U.S. State Right-to-Know Regulations

US State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
2-Ethylhexyl nitrate 27247-96-7	X	-	-
Naphthalene 91-20-3	X	X	X

Safety Data Sheet

According to OSHA HCS (29CFR 1910.1200)

Page 12 of 12

Revision: 10 August 2022

Trade Name: Rislone Diesel Additive- Left Side

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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
<i>Chronic Hazard Star Legend</i>		* = <i>Chronic Health Hazard</i>		

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

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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

Revision date 10-Aug-2022

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