

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

## 1 Identification

- **Product identifier**

- **Trade name: Rislone® Diesel Additive - Right Side**
- **Product code:** 61740
- **Application of the substance / the mixture** Treatment for diesel fuel.
- **Uses advised against** 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 of the substance or mixture**

Flam. Liq. 3	H226 Flammable liquid and vapour.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2A	H319 Causes serious eye irritation.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Aquatic Acute 3	H402 Harmful to aquatic life.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

- **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-determining components of labeling:**

Distillates (petroleum), hydro-treated light  
Hydrocarbons, C9, aromatics  
Solvent naphtha (petroleum), heavy arom.  
1,2,4-trimethylbenzene  
Xylene

- **Hazard statements:**

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.

(Cont'd. on page 2)

**Safety Data Sheet**

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

(Cont'd. from page 1)

**Precautionary statements:**

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground/bond container and receiving equipment.  
 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.  
 P273 Avoid release to the environment.  
 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.  
 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 to extinguish: CO<sub>2</sub>, 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.









· **Results of PBT and vPvB assessment:**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Components:**

64742-47-8	Distillates (petroleum), hydro-treated light  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. 2, H319  Flam. Liq. 4, H227	10-<20%
64742-95-6	Hydrocarbons, C9, aromatics  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  STOT SE 3, H335-H336 Aquatic Acute 2, H401	<10%
112-80-1	oleic acid, pure	<2.5%

(Cont'd. on page 3)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

Trade name: Rislone® Diesel Additive - Right Side

(Cont'd. from page 2)

	Eye Irrit. 2B, H320	
64742-94-5	Solvent naphtha (petroleum), heavy arom. ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 Flam. Liq. 4, H227	<2.5%
95-63-6	1,2,4-trimethylbenzene ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Acute 2, H401	<2.5%
108-67-8	mesitylene ⚠ Flam. Liq. 3, H226 ⚠ Aquatic Chronic 2, H411 ⚠ STOT SE 3, H335	<2.5%
1330-20-7	Xylene ⚠ 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 Aquatic Acute 3, H402; Aquatic Chronic 3, H412	<1%
91-20-3	Naphthalene ⚠ Flam. Sol. 2, H228 ⚠ Carc. 2, H351 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Acute Tox. 4, H302	<1%

· **Additional information:** 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:

(Cont'd. on page 4)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

(Cont'd. from page 3)

Breathing difficulty

Dizziness

Coughing

Causes eye irritation.

Causes skin irritation.

- **Danger:**

Danger of impaired breathing.

May be fatal if swallowed and enters airways.

- **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.

(Cont'd. on page 5)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

(Cont'd. from page 4)

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**
  - 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 gas-air mixtures may be formed in empty containers/receptacles.
  - 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.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

### · Control parameters

#### · Components with limit values that require monitoring at the workplace:

##### 111-76-2 2-butoxyethanol

OEL (Japan) | Ceiling limit: 97 mg/m<sup>3</sup>, 20 ppm

##### 95-63-6 1,2,4-trimethylbenzene

OEL (Japan) | Long-term value: 120 mg/m<sup>3</sup>, 25 ppm

##### 108-67-8 mesitylene

OEL (Japan) | Long-term value: 120 mg/m<sup>3</sup>, 25 ppm

##### 1330-20-7 Xylene

OEL (Japan) | Long-term value: 217 mg/m<sup>3</sup>, 50 ppm

#### · Ingredients with biological limit values:

##### 111-76-2 2-butoxyethanol

OEL-B (Japan) | 200 mg/g Cr  
 試料: urine  
 試料採取時期: end of shift  
 物質: Butoxyacetic acid

##### 1330-20-7 Xylene

OEL-B (Japan) | 800 mg/l

(Cont'd. on page 6)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

Trade name: Rislone® Diesel Additive - Right Side

(Cont'd. from page 5)

試料: urine  
 試料採取時期: End of shift at end of work week  
 物質: total (o-, m-, p-)methylhippuric acid

- **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.
- **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:** 62 °C

- **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**

(Cont'd. on page 7)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

(Cont'd. from page 6)

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>· Oxidizing properties:</b>	Non-oxidizing.
<b>· Vapor pressure:</b>	Not determined.
<b>· Density:</b>	
<b>Relative density:</b>	Not determined.
<b>Vapor density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>· Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>· Partition coefficient (n-octanol/water):</b>	Not determined.
<b>· Viscosity</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>· Other information</b>	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 (International Agency for Research on Cancer):**

98-82-8	Cumene	2B
91-20-3	Naphthalene	2B

- **Probable route(s) of exposure:**

(Cont'd. on page 8)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

(Cont'd. from page 7)

Ingestion.  
Inhalation.  
Eye 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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **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.

## 14 Transport information

(Cont'd. on page 9)






**Safety Data Sheet**

according to JIS Z7253

Revision: April 14, 2020

Trade name: Rislone® Diesel Additive - Right Side

(Cont'd. from page 8)

<ul style="list-style-type: none"> <li>· UN-Number</li> <li>· DOT</li> <li>· ADR/RID/ADN, IMDG, IATA</li> </ul>	<p>NA1993 UN1268</p>
<ul style="list-style-type: none"> <li>· UN proper shipping name</li> <li>· DOT</li> <li>· ADR/RID/ADN, IMDG</li> <li>· IATA</li> </ul>	<p>Combustible liquid, n.o.s. (Distillates (petroleum), hydro- treated light, 2-butoxyethanol) PETROLEUM DISTILLATES, N.O.S. Petroleum distillates. n.o.s.</p>
<ul style="list-style-type: none"> <li>· Transport hazard class(es)</li> <li>· DOT</li> </ul>	
 <ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	<p>3 3</p>
<ul style="list-style-type: none"> <li>· ADR/RID/ADN</li> </ul>	
 <ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	<p>3 (F1) 3</p>
<ul style="list-style-type: none"> <li>· IMDG, IATA</li> </ul>	
 <ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>	<p>3 3</p>
<ul style="list-style-type: none"> <li>· Packing group</li> <li>· DOT, ADR/RID/ADN, IMDG, IATA</li> </ul>	<p>III</p>
<ul style="list-style-type: none"> <li>· Environmental hazards</li> <li>· Marine pollutant:</li> </ul>	<p>No</p>
<ul style="list-style-type: none"> <li>· Special precautions for user</li> <li>· Hazard identification number (Kemler code):</li> <li>· EMS Number:</li> </ul>	<p>Warning: Flammable liquids 30 F-E,S-E</p>
<ul style="list-style-type: none"> <li>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</li> </ul>	<p>Not applicable.</p>
<ul style="list-style-type: none"> <li>· Transport/Additional information:</li> <li>· DOT</li> </ul>	<p>Classified as combustible under US DOT regulations. Labeling is only required for single packages ≥119 US gal / 450 L.</p>

(Cont'd. on page 10)

**Safety Data Sheet**

according to JIS Z7253

Revision: April 14, 2020

Trade name: Rislone® Diesel Additive - Right Side

(Cont'd. from page 9)

**15 Regulatory information****· Safety, health and environmental regulations/legislation specific for the substance or mixture****· Chemical Substance Control Law****· Existing Chemical Substances**

64742-47-8	Distillates (petroleum), hydro-treated light	
111-76-2	2-butoxyethanol	2-407, 2-2424, 7-97
64742-95-6	Hydrocarbons,C9,aromatics	
112-80-1	oleic acid, pure	2-609, 2-975
64742-94-5	Solvent naphtha (petroleum), heavy arom.	
95-63-6	1,2,4-trimethylbenzene	3-7, 3-3427
108-67-8	mesitylene	3-7, 3-3427
1330-20-7	Xylene	3-3, 3-60
25551-13-7	trimethylbenzene	3-7, 3-3427
98-82-8	Cumene	3-22
91-20-3	Naphthalene	4-311

**· Specified Chemical Substances**

None of the ingredients are listed.

**· Monitoring /Type II Monitoring (before amendment) /Type III Monitoring (before amendment) Chemical Substances**

95-63-6	1,2,4-trimethylbenzene	旧第三種監視化学物質
91-20-3	Naphthalene	旧第二種監視化学物質

**· Priority Assessment Chemical Substances**

111-76-2	2-butoxyethanol
95-63-6	1,2,4-trimethylbenzene
108-67-8	mesitylene
1330-20-7	Xylene
25551-13-7	trimethylbenzene
98-82-8	Cumene
91-20-3	Naphthalene

**· Chemical Substances Relating to a Public Notice Pursuant to The Provisions of Paragraph 4 of Article 4 of the Former Act**

None of the ingredients are listed.

**· Biodegradation and Bioconcentration of Existing Chemical Substances**

111-76-2	2-butoxyethanol
112-80-1	oleic acid, pure
95-63-6	1,2,4-trimethylbenzene
108-67-8	mesitylene
1330-20-7	Xylene
98-82-8	Cumene

(Cont'd. on page 11)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

Trade name: Rislone® Diesel Additive - Right Side

(Cont'd. from page 10)

91-20-3 | Naphthalene

· **Toxicity Tests Results**

95-63-6 | 1,2,4-trimethylbenzene

· **PRTR Class 1 designated substances**

95-63-6 | 1,2,4-trimethylbenzene

296

108-67-8 | mesitylene

297

· **PRTR Class 2 designated substances**

None of the ingredients are listed.

· **Poisonous and Deleterious Substances Control Act - Deleterious Substances**

1330-20-7 | Xylene

· **Poisonous and Deleterious Substances Control Act - Poisonous Substances**

None of the ingredients are listed.

· **Poisonous and Deleterious Substances Control Act - Specified Poisonous Substances**

None of the ingredients are listed.

· **Industrial Safety and Health Act**· **Dangerous substances**· **Explosive substances (Enforcement Ordinance Appendix 1 No. 1)**

None of the ingredients are listed.

· **Combustible substances (Enforcement Ordinance Appendix 1 No. 2)**

None of the ingredients are listed.

· **Oxidizing substances (Enforcement Ordinance Appendix 1 No. 3)**

None of the ingredients are listed.

· **Inflammable substances (Enforcement Ordinance Appendix 1 No. 4)**

1330-20-7 | Xylene

· **Combustible gases (Enforcement Ordinance Appendix 1 No. 5)**

None of the ingredients are listed.

· **Specified Chemical Substances**· **Group-1 substances**

None of the ingredients are listed.

· **Group-2 substances**

91-20-3 | Naphthalene

· **Group-3 substances**

None of the ingredients are listed.

· **Hazardous Materials Requiring Notification (Appendix 9)**

64742-47-8 | Distillates (petroleum), hydro-treated light

551

111-76-2 | 2-butoxyethanol

79

64742-95-6 | Hydrocarbons, C9, aromatics

330

95-63-6 | 1,2,4-trimethylbenzene

404

108-67-8 | mesitylene

404

1330-20-7 | Xylene

136

98-82-8 | Cumene

138

(Cont'd. on page 12)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

(Cont'd. from page 11)

91-20-3 | Naphthalene

408

· **Manufacturing licence—substances**

None of the ingredients are listed.

· **Ordinance on Prevention of Lead Poisoning (Enforcement Ordinance Appendix 4)**

None of the ingredients are listed.

· **Ordinance on Prevention of Tetraalkyl Lead Poisoning (Enforcement Ordinance Appendix 5)**

None of the ingredients are listed.

· **Organic Solvent Poisoning Prevention Regulations (Enforcement Ordinance Appendix 6-2)**

· **First-class organic solvents, etc.**

None of the ingredients are listed.

· **Second-class organic solvents, etc.**

111-76-2 | 2-butoxyethanol

1330-20-7 | Xylene

· **Third-class organic solvents, etc.**

None of the ingredients are listed.

## 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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

vPvB: very Persistent and very Bioaccumulative

PRTR: Law concerning Pollutant Release and Transfer Register

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 - oral – Category 4

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

Eye Irrit. 2: Serious eye damage/eye 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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2

Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **Sources**

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

(Cont'd. on page 13)

# Safety Data Sheet

according to JIS Z7253

Revision: April 14, 2020

**Trade name: Rislone® Diesel Additive - Right Side**

(Cont'd. from page 12)

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

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://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

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: [www.chemtelinc.com](http://www.chemtelinc.com)