

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
GHS

Printing date 14.11.2013

Revision: 14.11.2013

## 1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: Rislone® Gas Treat Left Side**
- **Article number: 34700**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Treatment for gasoline.
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Rislone  
P.O. Box 187  
Holly, MI 48442 USA  
Phone: (810) 603-1321
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585



## 2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The following classifications are applicable only to the general GHS regulations and not the specific CLP regulation: 2,6/4 - Combustible Liquid.  
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.  
The following Hazard Statements are applicable only to the general GHS regulations and not the specific CLP regulation: H227.  
H227: Combustible Liquid. (General GHS and USA only)



GHS08 health hazard

Muta. 1A                      H340 May cause genetic defects.  
Carc. 2                         H351 Suspected of causing cancer.  
Asp. Tox. 1                    H304 May be fatal if swallowed and enters airways.



GHS07

Eye Irrit. 2                    H319 Causes serious eye irritation.  
Aquatic Chronic 3          H412 Harmful to aquatic life with long lasting effects.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



T; Toxic

R46:                              May cause heritable genetic damage.

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 Xn; Harmful

R40-65-62-63: Limited evidence of a carcinogenic effect. Harmful: may cause lung damage if swallowed. Possible risk of impaired fertility. Possible risk of harm to the unborn child.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.

The following Hazard Statements are applicable only to the general GHS regulations and not the specific CLP regulation: H227.

H227: Combustible Liquid. (General GHS and USA only)

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Kerosine (petroleum), hydrodesulfurized  
naphthalene

CI Solvent Red 164, Methyl derivatives of diazotized 4-aminoazobenzene coupled to x-heptyl-2-naphthol isomers and homologues

· **Hazard statements**

H319 Causes serious eye irritation.

H340 May cause genetic defects.

H351 Suspected of causing cancer.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P281 Use personal protective equipment as required.

P264 Wash thoroughly after handling.

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- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 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.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P403+P235 Store in a well-ventilated place. Keep cool.

· **Additional information:**

Restricted to professional users.

· **Hazard description:**

· **WHMIS-symbols:**

B3 - Combustible liquid

D2A - Very toxic material causing other toxic effects



· **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 2

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = \*2

Fire = 2

Reactivity = 0

\* - Indicates a long term health hazard from repeated or prolonged exposures.

· **HMIS Long Term Health Hazard Substances**

|            |  |
|------------|--|
| 91-20-3    | naphthalene                              |
| 67-56-1    | methanol                                 |
| 64742-94-5 | Solvent naphtha (petroleum), heavy arom. |

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## 3 Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

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|  |   | (Contd. of page 3) |
|--|---|--------------------|
| CAS: 64742-81-0<br>EINECS: 265-184-9<br>Index number: 649-423-00-8 | Kerosine (petroleum), hydrodesulfurized<br>☒ Xn R65<br>☠ Flam. Liq. 3, H226<br>☠ Asp. Tox. 1, H304  | >50%               |
| CAS: 64742-95-6<br>EINECS: 265-199-0<br>Index number: 649-356-00-4 | Solvent naphtha (petroleum), light arom.<br>☒ Xn R65<br>Carc. Cat. 2<br>☠ Asp. Tox. 1, H304   | <10%               |
| CAS: 108-67-8<br>EINECS: 203-604-4<br>Index number: 601-025-00-5   | mesitylene<br>☒ Xi R37; ☠ N R51/53<br>R10<br>☠ Flam. Liq. 3, H226<br>☠ Aquatic Chronic 2, H411<br>☠ STOT SE 3, H335   | <5,0%              |
| CAS: 95-63-6<br>EINECS: 202-436-9<br>Index number: 601-043-00-3    | 1,2,4-trimethylbenzene<br>☒ Xn R20; ☒ Xi R36/37/38; ☠ N R51/53<br>R10<br>☠ Flam. Liq. 3, H226<br>☠ Aquatic Chronic 2, H411<br>☠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319;<br>STOT SE 3, H335 | <5,0%              |
| CAS: 91-20-3<br>EINECS: 202-049-5<br>Index number: 601-052-00-2    | naphthalene<br>☒ Xn R22-40; ☠ N R50/53<br>Carc. Cat. 3<br>☠ Carc. 2, H351<br>☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410<br>☠ Acute Tox. 4, H302   | <5,0%              |
| CAS: 111-42-2<br>EINECS: 203-868-0<br>Index number: 603-071-00-1   | 2,2'-iminodiethanol<br>☒ Xn R22-48/22; ☒ Xi R38-41<br>☠ STOT RE 2, H373<br>☠ Eye Dam. 1, H318<br>☠ Acute Tox. 4, H302; Skin Irrit. 2, H315  | <5,0%              |
| CAS: 1330-20-7<br>EINECS: 215-535-7<br>Index number: 601-022-00-9  | xylene<br>☒ Xn R20/21; ☒ Xi R38<br>R10<br>☠ Flam. Liq. 3, H226<br>☠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315   | <5,0%              |
| CAS: 98-82-8<br>EINECS: 202-704-5<br>Index number: 601-024-00-X    | cumene<br>☒ Xn R65; ☒ Xi R37; ☠ N R51/53<br>R10<br>☠ Flam. Liq. 3, H226<br>☠ Asp. Tox. 1, H304<br>☠ Aquatic Chronic 2, H411<br>☠ STOT SE 3, H335  | <5,0%              |

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|   |   |        |
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| CAS: 104-76-7<br>EINECS: 203-234-3                              | 2-ethylhexan-1-ol<br> Xi R36/38<br> Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319   | <5,0%  |
| CAS: 67-56-1<br>EINECS: 200-659-6<br>Index number: 603-001-00-X | methanol<br> T R23/24/25-39/23/24/25;  F R11<br> Flam. Liq. 2, H225<br> Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331<br> STOT SE 1, H370                             | <2,5%  |
| CAS: 92257-31-3<br>EINECS: 296-120-8                            | CI Solvent Red 164, Methyl derivatives of diazotized 4-aminoazobenzene coupled to x-heptyl-2-naphthol isomers and homologues<br> T R46;  Xi R36/37/38<br> Muta. 1A, H340; Carc. 2, H351; Repr. 2, H361<br> Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | <1,0%  |
|   | Polyolefin Alkyl Phenol Amine   | ≤ 2,5% |

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

### 4.1 Description of first aid measures

#### General information:

Take affected persons out into the fresh air.  
Do not leave affected persons unattended.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

#### After eye contact:

Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.  
A person vomiting while laying on their back should be turned onto their side.

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

Coughing  
Dizziness  
Breathing difficulty  
Gastric or intestinal disorders.

#### Hazards

Danger of pulmonary oedema.  
Danger of impaired breathing.  
Danger of convulsion.

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

If swallowed, gastric irrigation with added, activated carbon.  
If swallowed or in case of vomiting, danger of entering the lungs.  
If necessary oxygen respiration treatment.

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Monitor circulation, possible shock treatment.  
Medical supervision for at least 48 hours.  
Treat skin and mucous membrane with antihistamine and corticoid preparations.

## 5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  - Foam
  - Alcohol resistant foam
  - Gaseous extinguishing agents
  - Carbon dioxide
  - Fire-extinguishing powder
  - Water haze or fog
- **For safety reasons unsuitable extinguishing agents:**
  - Water with full jet
  - Water spray
- **5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

  - Carbon monoxide (CO)
  - Nitrogen oxides (NOx)
  - Sulphur dioxide (SO<sub>2</sub>)

Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- **Additional information** Cool endangered receptacles with water fog or haze.

## 6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Use respiratory protective device against the effects of fumes/dust/aerosol.
  - Keep away from ignition sources.
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation
  - Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Send for recovery or disposal in suitable receptacles.
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
- **6.4 Reference to other sections**
  - See Section 7 for information on safe handling.

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

## 7 Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep respiratory protective device available.  
Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Avoid storage near extreme heat, ignition sources or open flame.  
Provide ventilation for receptacles.
- **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.  
Store receptacle in a well ventilated area.  
Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

### Ingredients with limit values that require monitoring at the workplace:

#### 64742-81-0 Kerosine (petroleum), hydrodesulfurized

|             |   |
|-------------|---|
| REL (USA)   | 100 mg/m <sup>3</sup><br>Kerosene only                        |
| TLV (USA)   | 200 mg/m <sup>3</sup><br>as total hydrocarbon vapor; Skin; P  |
| EV (Canada) | 200(G) mg/m <sup>3</sup><br>as total hydrocarbon vapour, Skin |

#### 108-67-8 mesitylene

|            |                                |
|------------|--------------------------------|
| IOELV (EU) | 100 mg/m <sup>3</sup> , 20 ppm |
| REL (USA)  | 125 mg/m <sup>3</sup> , 25 ppm |
| TLV (USA)  | 123 mg/m <sup>3</sup> , 25 ppm |

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**95-63-6 1,2,4-trimethylbenzene**IOELV (EU) 100 mg/m<sup>3</sup>, 20 ppmREL (USA) 125 mg/m<sup>3</sup>, 25 ppmTLV (USA) 123 mg/m<sup>3</sup>, 25 ppm**91-20-3 naphthalene**IOELV (EU) 30 mg/m<sup>3</sup>, 10 ppmPEL (USA) 50 mg/m<sup>3</sup>, 10 ppmREL (USA) Short-term value: 75 mg/m<sup>3</sup>, 15 ppmLong-term value: 50 mg/m<sup>3</sup>, 10 ppmTLV (USA) Short-term value: (79) mg/m<sup>3</sup>, (15) ppmLong-term value: (52) NIC-25 mg/m<sup>3</sup>, (10) NIC-5 ppm

Skin; NIC-A3

EL (Canada) Short-term value: 15 ppm

Long-term value: 10 ppm

Skin; IARC 2B

EV (Canada) Short-term value: 78 mg/m<sup>3</sup>, 15 ppmLong-term value: 52 mg/m<sup>3</sup>, 10 ppm**111-42-2 2,2'-iminodiethanol**REL (USA) 15 mg/m<sup>3</sup>, 3 ppmTLV (USA) 1\* mg/m<sup>3</sup>, 0,2\* ppm

Skin; \*inhalable fraction and vapor

EL (Canada) 2 mg/m<sup>3</sup>

Skin

EV (Canada) 2 mg/m<sup>3</sup>**67-56-1 methanol**IOELV (EU) 260 mg/m<sup>3</sup>, 200 ppm

Skin

PEL (USA) 260 mg/m<sup>3</sup>, 200 ppmREL (USA) Short-term value: 325 mg/m<sup>3</sup>, 250 ppmLong-term value: 260 mg/m<sup>3</sup>, 200 ppm

Skin

TLV (USA) Short-term value: 328 mg/m<sup>3</sup>, 250 ppmLong-term value: 262 mg/m<sup>3</sup>, 200 ppm

Skin; BEI

EL (Canada) Short-term value: 250 ppm

Long-term value: 200 ppm

Skin

EV (Canada) Short-term value: 325 mg/m<sup>3</sup>, 250 ppmLong-term value: 260 mg/m<sup>3</sup>, 200 ppm

Skin

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**1330-20-7 xylene**

|             |  |
|-------------|--|
| IOELV (EU)  | Short-term value: 442 mg/m <sup>3</sup> , 100 ppm<br>Long-term value: 221 mg/m <sup>3</sup> , 50 ppm<br>Skin |
| PEL (USA)   | 435 mg/m <sup>3</sup> , 100 ppm  |
| REL (USA)   | Short-term value: 655 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 435 mg/m <sup>3</sup> , 100 ppm        |
| TLV (USA)   | Short-term value: 651 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 434 mg/m <sup>3</sup> , 100 ppm<br>BEI |
| EL (Canada) | Short-term value: 150 ppm<br>Long-term value: 100 ppm  |
| EV (Canada) | Short-term value: 650 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 435 mg/m <sup>3</sup> , 100 ppm        |

**98-82-8 cumene**

|             |   |
|-------------|---|
| IOELV (EU)  | Short-term value: 250 mg/m <sup>3</sup> , 50 ppm<br>Long-term value: 100 mg/m <sup>3</sup> , 20 ppm<br>Skin |
| PEL (USA)   | 245 mg/m <sup>3</sup> , 50 ppm<br>Skin  |
| REL (USA)   | 245 mg/m <sup>3</sup> , 50 ppm<br>Skin  |
| TLV (USA)   | 246 mg/m <sup>3</sup> , 50 ppm  |
| EL (Canada) | Short-term value: 75 ppm<br>Long-term value: 25 ppm   |
| EV (Canada) | 245 mg/m <sup>3</sup> , 50 ppm<br>Skin  |

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.

- **Respiratory protection:**

- Use suitable respiratory protective device in case of insufficient ventilation.
- Use suitable respiratory protective device when aerosol or mist is formed.
- For spills, respiratory protection may be advisable.

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- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Contact lenses should not be worn.



Safety glasses

- **Body protection:** Solvent resistant protective clothing

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

## 9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

|                           |                 |
|---------------------------|-----------------|
| · <b>Form:</b>            | Liquid          |
| · <b>Colour:</b>          | Red             |
| · <b>Odour:</b>           | Petroleum-like  |
| · <b>Odour threshold:</b> | Not determined. |

- **pH-value:** Not determined.

- **Change in condition**

|                                       |                   |
|---------------------------------------|-------------------|
| · <b>Melting point/Melting range:</b> | Undetermined.     |
| · <b>Boiling point/Boiling range:</b> | >200 ° F / >93 °C |

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|   |   |
|---|---|
| · <b>Flash point:</b>                             | >140 ° F / > 60 °C  |
| · <b>Flammability (solid, gaseous):</b>           | Not applicable.   |
| · <b>Ignition temperature:</b>                    | 842 ° F / 450 °C  |
| · <b>Decomposition temperature:</b>               | Not determined.   |
| · <b>Self-igniting:</b>                           | Product is not self-igniting.   |
| · <b>Danger of explosion:</b>                     | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · <b>Explosion limits:</b>                        |   |
| <b>Lower:</b>                                     | Not determined.   |
| <b>Upper:</b>                                     | Not determined.   |
| · <b>Vapour pressure:</b>                         | Not determined.   |
| · <b>Density at 20 °C:</b>                        | 0,84 g/cm <sup>3</sup>  |
| · <b>Relative density</b>                         | Not determined.   |
| · <b>Vapour 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>Solvent content:</b>                         |   |
| <b>Organic solvents:</b>                          | Not determined.   |
| <b>Solids content:</b>                            | Not determined.   |
| · <b>9.2 Other information</b>                    | No further relevant information available.  |

### 10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
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 atomised.  
Reacts with oxidizing agents.
- **10.4 Conditions to avoid**  
Keep ignition sources away - Do not smoke.  
Store away from oxidizing agents.

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- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides  
Sulphur trioxide (SO<sub>3</sub>) or SO<sub>3</sub>-mist

## 11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

### 64742-95-6 Solvent naphtha (petroleum), light arom.

|            |          |                   |
|------------|----------|-------------------|
| Oral       | LD50     | >6800 mg/kg (rat) |
| Dermal     | LD50     | >3400 mg/kg (rab) |
| Inhalative | LC50/4 h | >10,2 mg/l (rat)  |

### 91-20-3 naphthalene

|        |      |                  |
|--------|------|------------------|
| Oral   | LD50 | 490 mg/kg (rat)  |
| Dermal | LD50 | 5000 mg/kg (rat) |

- **Primary irritant effect:**
- **on the skin:** Slight irritant effect on skin and mucous membranes.
- **on the eye:** Slight irritant effect on eyes.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
The product can cause inheritable damage.  
Danger through skin adsorption.  
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
- **Repeated dose toxicity:** May cause damage to organs through prolonged or repeated exposure .
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):**  
Muta. 1A, Carc. 2

## 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** The material is harmful to the environment.
- **12.2 Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **12.3 Bioaccumulative potential** Does not accumulate in organisms.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**  
Harmful to fish  
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.  
The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.

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- **Additional ecological information:**

- **General notes:**

This statement was deduced from the properties of the single components.

Avoid transfer into the environment.

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

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

Harmful to aquatic organisms

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Contact waste processors for recycling information.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- **14.1 UN-Number**

- DOT, ADR, ADN, IMDG, IATA

N/A

- **14.2 UN proper shipping name**

- DOT, ADR, ADN, IMDG, IATA

N/A

- **14.3 Transport hazard class(es)**

- DOT, ADR, ADN, IMDG, IATA

- **Class**

N/A

- **14.4 Packing group**

- DOT, ADR, IMDG, IATA

N/A

- **14.5 Environmental hazards:**

- **Marine pollutant:**

No

- **14.6 Special precautions for user**

Not applicable.

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- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

## 15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

- **Section 355 (extremely hazardous substances):**

|          |               |
|----------|---------------|
| 108-05-4 | vinyl acetate |
|----------|---------------|

- **Section 313 (Specific toxic chemical listings):**

|           |                        |
|-----------|------------------------|
| 95-63-6   | 1,2,4-trimethylbenzene |
| 91-20-3   | naphthalene            |
| 111-42-2  | 2,2'-iminodiethanol    |
| 67-56-1   | methanol               |
| 1330-20-7 | xylene                 |
| 98-82-8   | cumene                 |
| 108-05-4  | vinyl acetate          |

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65 (California):**

- **Chemicals known to cause cancer:**

|          |                     |
|----------|---------------------|
| 91-20-3  | naphthalene         |
| 111-42-2 | 2,2'-iminodiethanol |
| 98-82-8  | cumene              |

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

|         |          |
|---------|----------|
| 67-56-1 | methanol |
|---------|----------|

- **Carcinogenic Categories**

- **EPA (Environmental Protection Agency)**

|           |             |  |  |  |     |
|-----------|-------------|--|--|--|-----|
| 91-20-3   | naphthalene |  |  |  | CBD |
| 1330-20-7 | xylene      |  |  |  | I   |
| 98-82-8   | cumene      |  |  |  | CBD |

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**· IARC (International Agency for Research on Cancer)**

|           |                     |    |
|-----------|---------------------|----|
| 91-20-3   | naphthalene         | 2B |
| 111-42-2  | 2,2'-iminodiethanol | 3  |
| 1330-20-7 | xylene              | 3  |
| 108-05-4  | vinyl acetate       | 2B |

**· TLV (Threshold Limit Value established by ACGIH)**

|            |   |    |
|------------|---|----|
| 64742-81-0 | Kerosine (petroleum), hydrodesulfurized | A3 |
| 91-20-3    | naphthalene                             | A4 |
| 111-42-2   | 2,2'-iminodiethanol                     | A3 |
| 1330-20-7  | xylene                                  | A4 |
| 108-05-4   | vinyl acetate                           | A3 |

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**· Canada**
**· Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**· Canadian Ingredient Disclosure list (limit 0.1%)**

|          |                        |
|----------|------------------------|
| 108-67-8 | mesitylene             |
| 95-63-6  | 1,2,4-trimethylbenzene |

**· Canadian Ingredient Disclosure list (limit 1%)**

|          |                     |
|----------|---------------------|
| 91-20-3  | naphthalene         |
| 111-42-2 | 2,2'-iminodiethanol |
| 67-56-1  | methanol            |
| 98-82-8  | cumene              |
| 104-76-7 | 2-ethylhexan-1-ol   |

**· 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 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.

**· Relevant phrases**

|      |   |
|------|---|
| H225 | Highly flammable liquid and vapour.           |
| H226 | Flammable liquid and vapour.                  |
| H301 | Toxic if swallowed.                           |
| H302 | Harmful if swallowed.                         |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin.                   |
| H312 | Harmful in contact with skin.                 |

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|              |   |
|--------------|---|
| H315         | Causes skin irritation.   |
| H318         | Causes serious eye damage.  |
| H319         | Causes serious eye irritation.  |
| H331         | Toxic if inhaled.   |
| H332         | Harmful if inhaled.   |
| H335         | May cause respiratory irritation.   |
| H340         | May cause genetic defects.  |
| H351         | Suspected of causing cancer.  |
| H361         | Suspected of damaging fertility or the unborn child.  |
| H370         | Causes damage to organs.  |
| H373         | May cause damage to organs through prolonged or repeated exposure.  |
| H400         | Very toxic to aquatic life.   |
| H410         | Very toxic to aquatic life with long lasting effects.   |
| H411         | Toxic to aquatic life with long lasting effects.  |
| .....        |   |
| R10          | Flammable.  |
| R11          | Highly flammable.   |
| R20          | Harmful by inhalation.  |
| R20/21       | Harmful by inhalation and in contact with skin.   |
| R22          | Harmful if swallowed.   |
| R23/24/25    | Toxic by inhalation, in contact with skin and if swallowed.   |
| R36/37/38    | Irritating to eyes, respiratory system and skin.  |
| R36/38       | Irritating to eyes and skin.  |
| R37          | Irritating to respiratory system.   |
| R38          | Irritating to skin.   |
| R39/23/24/25 | Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. |
| R40          | Limited evidence of a carcinogenic effect.  |
| R41          | Risk of serious damage to eyes.   |
| R46          | May cause heritable genetic damage.   |
| R48/22       | Harmful: danger of serious damage to health by prolonged exposure if swallowed.                               |
| R50/53       | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.              |
| R51/53       | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.                   |
| R65          | Harmful: may cause lung damage if swallowed.  |

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 WHMIS: Workplace Hazardous Materials Information System (Canada)  
 DNEL: Derived No-Effect Level (REACH)  
 PNEC: Predicted No-Effect Concentration (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent

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· **Sources**

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