

Safety Data Sheet

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

Printing date 12/6/2012




Revision: 12/6/2012

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

- **1.1 Product identifier**
- Trade name: **Rislone® Injector and Carburetor Cleaner**
- **Article number:** 4705
- **CAS Number:**
64742-47-8
- **EC number:**
265-149-8
- **Index number:**
649-422-00-2
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Cleaner for fuel injection systems.
- **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**
-  GHS02 flame
Flam. Liq. 3 H226 Flammable liquid and vapour.
-  GHS08 health hazard
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
-  Xn; Harmful
R65: Harmful: may cause lung damage if swallowed.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.

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· Hazard pictograms



GHS02 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

Distillates (petroleum), hydrotreated light

· Hazard statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

· 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.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves and eye protection.

P233 Keep container tightly closed.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

· Hazard description:

· WHMIS-symbols:

B3 - Combustible liquid



· NFPA ratings (scale 0 - 4)



Health = 0

Fire = 2

Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 0

Fire = 2

Reactivity = 0

· HMIS Long Term Health Hazard Substances

Substance is not listed.

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- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**
64742-47-8 Distillates (petroleum), hydrotreated light
- **Identification number(s)**
- **EC number:** 265-149-8
- **Index number:** 649-422-00-2

· Impurities and stabilising additives:

CAS: 108-67-8 EINECS: 203-604-4 Index number: 601-025-00-5	mesitylene ☒ Xi R37; ☒ N R51/53 R10 ☠ Flam. Liq. 3, H226 ☢ Aquatic Chronic 2, H411 ☠ STOT SE 3, H335
CAS: 103-65-1 EINECS: 203-132-9 Index number: 601-024-00-X	propylbenzene ☒ Xn R65; ☒ Xi R37; ☒ N R51/53 R10 ☠ Flam. Liq. 3, H226 ☢ Asp. Tox. 1, H304 ☢ Aquatic Chronic 2, H411 ☠ STOT SE 3, H335
CAS: 106-42-3 EINECS: 203-396-5 Index number: 601-022-00-9	p-xylene ☒ Xn R20/21; ☒ Xi R38 R10 ☠ Flam. Liq. 3, H226 ☠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315
CAS: 98-82-8 EINECS: 202-704-5 Index number: 601-024-00-X	cumene ☒ Xn R65; ☒ Xi R37; ☒ N R51/53 R10 ☠ Flam. Liq. 3, H226 ☢ Asp. Tox. 1, H304 ☢ Aquatic Chronic 2, H411 ☠ STOT SE 3, H335
CAS: 526-73-8 EINECS: 208-394-8	1,2,3-trimethylbenzene R10

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4 First aid measures

· 4.1 Description of first aid measures

· General information:

Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.

· **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

Breathing difficulty

Coughing

Dizziness

Gastric or intestinal disorders

· Hazards

Danger of pulmonary oedema.

Danger of impaired breathing.

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

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

If swallowed, gastric irrigation with added, activated carbon.

Monitor circulation, possible shock treatment.

Medical supervision for at least 48 hours.

Later observation for pneumonia and pulmonary oedema.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

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.

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- **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.

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

- **6.2 Environmental precautions:** 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).

Dispose contaminated material as waste according to item 13.

- **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

When heated the product forms flammable fumes.

Flammable gas-air mixtures may form in empty receptacles.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Provide ventilation for 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.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

- **7.3 Specific end use(s)** No further relevant information available.

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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:**

64742-47-8 Distillates (petroleum), hydrotreated light

EL (Canada)	200 mg/m ³ Skin
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95-63-6 1,2,4-trimethylbenzene

IOELV (EU) 100 mg/m³, 20 ppm

REL (USA) 125 mg/m³, 25 ppm

TLV (USA) 123 mg/m³, 25 ppm

108-67-8 mesitylene

IOELV (EU) 100 mg/m³, 20 ppm

REL (USA) 125 mg/m³, 25 ppm

TLV (USA) 123 mg/m³, 25 ppm

106-42-3 p-xylene

IOELV (EU) Short-term value: 442 mg/m³, 100 ppm
Long-term value: 221 mg/m³, 50 ppm
Skin

PEL (USA) 435 mg/m³, 100 ppm

REL (USA) Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV (USA) Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI

EL (Canada) Short-term value: 150 ppm
Long-term value: 100 ppm

98-82-8 cumene

IOELV (EU) Short-term value: 250 mg/m³, 50 ppm
Long-term value: 100 mg/m³, 20 ppm
Skin

PEL (USA) 245 mg/m³, 50 ppm
Skin

REL (USA) 245 mg/m³, 50 ppm
Skin

TLV (USA) 246 mg/m³, 50 ppm

EL (Canada) Short-term value: 75 ppm
Long-term value: 25 ppm

EV (Canada) 245 mg/m³, 50 ppm
Skin

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- **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.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
- **Protection of hands:**
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.
- **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:**

Form:	Fluid
Colour:	Clear
Odour:	Nearly odourless

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· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: -76 °F / -60 °C

Boiling point/Boiling range: Undetermined.

· **Flash point:** 140 °F / 60 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 410 °F / 210 °C

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Not determined.

· **Danger of explosion:** Not determined.

· **Explosion limits:**

Lower: 0,5 Vol %

Upper: 6,5 Vol %

· **Vapour pressure at 20 °C:** 2 hPa

· **Density at 20 °C:** 0,79 g/cm³

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

water at -1 °C: 20 g/l

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

· **9.2 Other information** 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**

Flammable.

Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.

Develops readily flammable gases/fumes.

Reacts with peroxides and other radical forming substances.

Used empty containers may contain product gases which form explosive mixtures with air.

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Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.

- **10.4 Conditions to avoid**

Keep ignition sources away - Do not smoke.

Store away from oxidizing agents.

- **10.5 Incompatible materials:** No further relevant information available.

- **10.6 Hazardous decomposition products:**

Hydrocarbons

Carbon monoxide and carbon dioxide

11 Toxicological information

- **11.1 Information on toxicological effects**

- **Acute toxicity:**

- **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.

- **Subacute to chronic toxicity:** Vapours have narcotic effect.

- **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:

Harmful

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

12 Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **12.2 Persistence and degradability** The product is degradable after prolonged adaptation

- **12.3 Bioaccumulative potential** Does not accumulate in organisms

- **12.4 Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

- **Additional ecological information:**

- **General notes:**

This statement was deduced from products with a similar structure or composition.

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 1 (German Regulation) (Assessment by list): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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- **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.
Contact waste processors for recycling information.

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.

- **Uncleaned packaging:**

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

- **Recommended cleansing agents:** Solvent naphtha

14 Transport information

- **14.1 UN-Number**

- **DOT**

NA1268

- **ADR, IMDG, IATA**

UN1268

- **14.2 UN proper shipping name**

- **DOT**

May be reclassified as combustible under
49CFR173.150(f).

- **ADR**

PETROLEUM DISTILLATES, N.O.S.

- **IMDG, IATA**

1268 PETROLEUM DISTILLATES, N.O.S.

PETROLEUM DISTILLATES, N.O.S.

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

- **DOT**



- **Class**

3 Flammable liquids.

- **Label**

3

- **ADR**



- **Class**

3 (F1) Flammable liquids.

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· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· DOT, ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler):	30
· EMS Number:	F-E,S-E
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Transport category	3
· Tunnel restriction code	D/E
· UN "Model Regulation":	UN1268, PETROLEUM DISTILLATES, N.O.S., 3, III

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):

Substance is not listed.

· Section 313 (Specific toxic chemical listings):

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

106-42-3 p-xylene

98-82-8 cumene

· TSCA (Toxic Substances Control Act):

Substance is listed.

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- **Proposition 65 (California):**
- **Chemicals known to cause cancer:**
Contains trace quantities of substances known to the State of California to cause cancer.

98-82-8	cumene
64742-94-5	Solvent naphtha (petroleum), heavy arom.

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

Substance is not listed.

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

Substance is not listed.

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

Substance is not listed.

- **Carcinogenic Categories**

- **EPA (Environmental Protection Agency)**

106-42-3	p-xylene	I
98-82-8	cumene	CBD

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

106-42-3	p-xylene	3
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- **TLV (Threshold Limit Value established by ACGIH)**

106-42-3	p-xylene	A4
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- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

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

Substance is not listed.

- **Canada**

- **Canadian Domestic Substances List (DSL)**

Substance is listed.

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

Substance is not listed.

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

Substance is not listed.

- **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.

- **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

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IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists EINECS:
European Inventory of Existing Commercial Chemical Substances CAS:
Chemical Abstracts Service (division of the American Chemical Society) NFPA:
National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)

Sources

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