

Safety Data Sheet

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According to The Model Work Health and Safety Regulations, and the
Globally Harmonized System of Classification and Labelling of
Chemicals 7th Revised Edition

Revision: 13 December 2022

1. Identification

Product identifier

Trade name: Rislone® Gas Fuel System Cleaner – Left Side
Product code: 44700

Recommended use and restriction on use

Recommended use: Treatment for gasoline.

Restrictions on use: No further 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



Distributor:

Smits Group Pty Ltd.
50 Radius Drive
Larapinda
QLD 4110
Australia
AUS Telephone 1800 883 888

Emergency telephone number:

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

New Zealand 0800 764 766 (National Poison Control Centre)
Australia 131126 (NSW Poison Control Centre)

2. Hazards identification

Classification of the substance or mixture

Flam. Liq. 3	H226 Flammable liquid and vapour.
Acute Tox. 4	H302 Harmful if swallowed.
Acute Tox. 4	H312 Harmful in contact with skin.
Acute Tox. 4	H332 Harmful if inhaled.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2A	H319 Causes serious eye irritation.

Label elements

GHS Label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:

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GHS02 GHS07

Signal word: Warning

Hazard Statements:

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

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.
P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P388 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use to extinguish: CO₂, powder or water spray.
P403+P235 Store in a well-ventilated space. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description:

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 and information on ingredients

Chemical characterization: Mixtures

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Components:		
CAS: 111-76-2 EINECS: 203-905-0	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	>60%
CAS: 67-63-0 EINECS: 200-661-7	Propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 Acute Tox. 5, H333	<10%

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; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.

After skin contact:

Immediately remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly.
See medical treatment in case of complaints.

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 lying on their back should be turned onto their side.

Most important symptoms and effects, both acute and delayed:

Coughing
Dizziness
Difficulty breathing
Causes serious eye irritation
Causes skin irritation

Hazards: Harmful if swallowed, in contact with skin or if inhaled.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

Foam
Alcohol resistant foam
Gaseous extinguishing agents

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Carbon dioxide
Fire-extinguishing powder
Water

For safety reasons unsuitable extinguishing agents: No further relevant information available.

Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide, carbon dioxide.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information:

Use large quantities of foam as it is partially destroyed by the product.

Cool endangered receptacles with water spray.

6. Accidental release measures

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.

Environmental precautions:

Do not allow to enter sewers/surface or ground water.

Prevent from spreading (e.g., by damming in-or oil barriers).

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).

Remove from the water surface (e.g., skim or suck off).

Send for recovery or disposal in suitable receptacles.

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

Handling:

Precautions for safe handling

Keep out of reach of children.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Avoid breathing mist/vapours/spray.

Avoid contact with the eyes and skin.

Information about fire - and explosion protection:

Keep respiratory protective device available.

Keep ignition sources away – Do not smoke.

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Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Store in cool, dry conditions in well sealed receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

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

8. Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:	
111-76-2 2-butoxyethanol	
WES (Australia)	Short-term value: 242 mg/m ³ , 50 ppm Long-term value: 96.9 mg/m ³ , 20 ppm Sk
PEL (USA)	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL (USA)	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV (USA)	Long-term value: 97 mg/m ³ , 20 ppm BEI
WES (New Zealand)	Long-term value: 121 mg/m ³ , 25 ppm Skin
67-63-0 Propan-2-ol	
WES (Australia)	Short-term value: 1230 mg/m ³ , 500 ppm Long-term value: 983 mg/m ³ , 400 ppm
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm
REL (USA)	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI
WES (New Zealand)	Short-term value: 1230 mg/m ³ , 500 ppm Long-term value: 983 mg/m ³ , 400 ppm

Ingredients with biological limit values:	
111-76-2 2-butoxyethanol	
BEI (USA)	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
67-63-0 Propan-2-ol	
BEI (USA)	40 mg/L Medium: urine Time: end of shift at end of workweek

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	Parameter: Acetone (background, nonspecific)
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Exposure controls

Engineering controls: Use only in a well-ventilated area.

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.

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.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Eye protection:



Safety glasses

Body protection: Protective work clothing.

Limitation and supervision of exposure into the environment:

No further relevant information available.

Risk management measures: No further relevant information available.

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance	
Form	Liquid
Colour	Light yellow
Odour	Petroleum-like
Odour threshold	Not determined.
Change in condition	
Melting point/Melting range	Not determined.
Boiling point/Boiling range	Not determined.
Flammability (solid, gaseous)	Not applicable.
Explosive properties	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits	
Lower	Not determined.

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Upper	Not determined.
Oxidising properties	Non-oxidising.
Flash point	40.2°C (104.4°F)
Auto/Self-ignition temperature	Not determined.
Decomposition temperature	Not determined.
pH-value	Not determined.
Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.
Solubility in/Miscibility with water	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water) at 20°C	Not determined.
Vapour pressure	Not determined.
Density	
Relative density @ 25°C (77°F)	0.78-0.80
Vapour density	Not determined.
Evaporation rate	Not determined.
Particle characteristics	Not determined.
Other information	No further relevant information available.

10. Stability and Reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided:

Keep away from heat and direct sunlight.

Avoid open flame, ignition sources, contact with incompatible substances.

Possibility of hazardous reactions

Flammable liquid and vapour.

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.

Reacts with oxidising agents.

Conditions to avoid Excessive heat.

Incompatible materials Oxidisers.

Hazardous decomposition products Carbon monoxide and carbon dioxide

11. Toxicological information

Information on toxicological effects

Acute toxicity:

Harmful if swallowed.

Harmful in contact with skin.

Harmful if inhaled.

LD/LC50 values relevant for classification:		
ATE (Acute Toxicity Estimates)		
Oral	LD50	1591 mg/kg (rat)

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Dermal	LD50	1076-2151 mg/kg (rat)
Inhalative	LC50/4h	11.5 mg/l
111-76-2 2-butoxyethanol		
Oral	LD50	1480 mg/kg (rat)
Dermal	LD50	1001-2000 mg/kg (rat) (Estimated)
Inhalative	LC50/4h	450 ppm (rat)

Primary irritant effect:

Skin corrosion/irritation: Irritant to skin and mucous membranes.

Serious eye damage/irritation: Causes eye irritation.

Respiratory or skin sensitisation: No sensitising effects known.

IARC (International Agency for Research on Cancer) Present in trace quantities.		
100-41-4	Ethylbenzene	2B
91-20-3	Naphthalene	2B

Probable routes of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

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

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Bioaccumulative potential Does not accumulate in organisms.

Mobility in soil No further relevant information available.

Ecotoxicity No further relevant information available.

Additional ecological information:

General notes:

Avoid transfer to the environment.

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

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

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13. Disposal considerations

Waste treatment methods

Recommendation




Contact waste processors for recycling information.

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.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information

UN-Number	
DOT	NA1993
ADG, IMDG, IATA	UN1993
UN proper shipping name	
DOT	Combustible liquid, n.o.s (Isopropanol, 2-butoxyethanol)
ADG, IMDG, IATA	FLAMMABLE LIQUID, N.O.S (ISOPROPANOL, 2-butoxyethanol)
Transport hazard class(es)	
DOT	
	
Class	3
Label	3
ADR/RID/ADN	
	
Class	3 (F1)
Label	3
IMDG, IATA	
	
Class	3
Label	3
Packing group	
DOT, ADG, IMDG, IATA	III
Environmental hazards:	
Marine pollutant:	No




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Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-E, S-E
Transport in bulk according to Annex II of Marpol and the IBC Code	Not Applicable
Transport/Additional Information DOT	Classified as combustible under US DOT regulations. Labeling is only required for single packages 119 US gal/450L.
ADR/RID/ADN	
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L.	
Transport category	3
Runnel restriction code	D/E
IMDG	
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L.	
IATA	
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each/10L net.	

15. Regulatory information

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

IARC (International Agency for Research on Cancer)		
Present in trace quantities.		
97-56-3	4-o-tolyazo-o-toluidine	2B
100-41-4	Ethylbenzene	2B
91-20-3	Naphthalene	2B

Australia

Australian Inventory of Chemical Substances	
All ingredients are listed.	
Standards for the Uniform Scheduling of Medicines and Poisons	
Hydrocarbon Liquids	S6

New Zealand HSR002583

New Zealand Inventory of Chemicals (NZIOC)
All 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.

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Trade Name: Rislone® Gas Fuel System Cleaner – Left Side

Date of preparation of latest revision of SDS

December 13, 2022: Revised SDS to comply with The Model Work Health and Safety Regulation, and the Globally Harmonized System of Classification and Labelling of Chemicals 7th Revised Edition.

Relevant phrases

H225 Highly flammable liquid and vapour.
H227 Combustible liquid.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H333 May be harmful if inhaled.
H336 May cause drowsiness or dizziness.

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
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Flam. Liq. 4: Flammable liquids – Category 4
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 5: Acute toxicity – Category 5
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
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/subreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (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

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