

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Kisling - 9195 pressure can

Revision date: 25.07.2024

Product code: 9195K

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

1.1. Product identifier

Kisling - 9195 pressure can

UFI: 68J4-0NDY-P20Y-YUCM

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name: Kisling AG
Street: Motorenstrasse 102
Place: CH-8620 Wetzikon
Telephone: +41 58 272 0 272
E-mail: customerservice@kisling.com
Contact person: Product Compliance Telephone: +49 7940 5096 143
E-mail: compliance@kisling.com
Internet: www.kisling.com

Supplier

Company name: Kisling (Deutschland) GmbH
Street: Salzstraße 15
Place: D-74676 Niedernhall
Telephone: +49 7940 50961 61
E-mail: customerservice@kisling.com
Contact person: Product Compliance Telephone: +49 7940 5096 143
E-mail: compliance@kisling.com
Internet: www.kisling.com

1.4. Emergency telephone number:

24 hr. emergency phone number +1 872 5888271 (KAR)
Medicines & Poisons Info Office +356 2545 6508

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aerosol 1; H222-H229
Eye Irrit. 2; H319
STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger

Pictograms:



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Hazard statements

| | |
|------|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

Precautionary statements

| | |
|-----------|--|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat. No Smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |

Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



Hazard statements

H222-H229-H336

Precautionary statements

P102-P210-P211-P251-P410+P412

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous components.

Relevant ingredients

| CAS No | Chemical name | Quantity |
|----------|---|--------------|
| | EC No | Index No |
| | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | 50 - < 100 % |
| | 200-661-7 | 603-117-00-0 |
| | 01-2119457558-25 | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 | |
| 124-38-9 | carbon dioxide | 1 - < 5 % |
| | 204-696-9 | |
| | Compressed gas; H280 | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|---------|--|---|--------------|
| | Specific Conc. Limits, M-factors and ATE | | |
| 67-63-0 | 200-661-7 | propan-2-ol; isopropyl alcohol; isopropanol | 50 - < 100 % |
| | inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 13900 mg/kg; oral: LD50 = 4570-5840 mg/kg | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting. Get immediate medical advice/attention.

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

No further relevant information available.

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

Treat symptomatically. No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Powder.

5.2. Special hazards arising from the substance or mixture

Reignition possible over considerable distance. Vapours can form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

Danger of serious damage to health by prolonged exposure.

Use appropriate respiratory protection.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers. Wear a self-contained breathing apparatus and chemical protective clothing. Move undamaged containers from immediate hazard area if it can be done safely. Evacuate area.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Keep away from sources of ignition - No smoking. Ventilate affected area. Avoid breathing spray.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Avoid release to the environment. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment

Use non-sparking tools. Prevent spread over a wide area (e.g. by containment or oil barriers). Retain contaminated washing water and dispose it.

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For cleaning up

Soak up inert absorbent and dispose as waste requiring special attention.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Only use the material in places where open light, fire and other flammable sources can be kept away. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Advice on general occupational hygiene

Draw up and observe skin protection programme. Avoid contact with skin, eyes and clothes. Avoid breathing spray. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Protect from sunlight.

Hints on joint storage

Do not store together with:

Pyrophoric or self-heating substances, Organic peroxides and self-reactive substances, Flammable solids, gas, Blasting agent

Further information on storage conditions

5 - 30°C

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

| CAS No | Name of agent | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|----------|----------------|------|-------------------|---------------------|-----------|--------|
| 124-38-9 | Carbon dioxide | 5000 | 9000 | | TWA (8 h) | |

DNEL/DMEL values

| CAS No | Name of agent | Exposure route | Effect | Value |
|--------------------------|---|----------------|----------|-----------------------|
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | | | |
| Worker DNEL, long-term | | inhalation | systemic | 500 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 888 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 89 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 319 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 26 mg/kg bw/day |

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PNEC values

| CAS No | Name of agent | |
|---------|--|------------|
| | Environmental compartment | Value |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | |
| | Freshwater | 140,9 mg/l |
| | Freshwater (intermittent releases) | 140,9 mg/l |
| | Marine water | 140,9 mg/l |
| | Freshwater sediment | 552 mg/kg |
| | Marine sediment | 552 mg/kg |
| | Secondary poisoning | 160 mg/kg |
| | Micro-organisms in sewage treatment plants (STP) | 2251 mg/l |
| | Soil | 28 mg/kg |

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

Suitable material:
Thickness of the glove material 0,45 mm
> 480 min

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Self-contained respirator (breathing apparatus)

Thermal hazards

Heating causes rise in pressure with risk of bursting.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|---|----------------|----------------|
| Physical state: | Aerosol | |
| Colour: | colourless | |
| Odour: | characteristic | |
| Odour threshold: | not determined | |
| Melting point/freezing point: | | not applicable |
| Boiling point or initial boiling point and boiling range: | | < -20 °C |

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| | |
|--|------------------------|
| Flammability: | not determined |
| Lower explosion limits: | 1,9 vol. % |
| Upper explosion limits: | 13 vol. % |
| Flash point: | 11,7 °C |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not applicable |
| pH-Value: | not applicable |
| Viscosity / kinematic: | not determined |
| Water solubility: | not determined |
| Solubility in other solvents | |
| not determined | |
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| (at 20 °C) | |
| Density: | 0.78 g/cm ³ |
| Relative density: | not determined |
| Relative vapour density: | not determined |
| Particle characteristics: | not determined |

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Vapours can form explosive mixtures with air.

Oxidizing properties

not determined

Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

Viscosity / dynamic:

not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Materials to avoid:

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicokinetics, metabolism and distribution

No data available

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Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No | Chemical name | | | | |
|---------|---|----------------------|---------|---------------------------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | | | | |
| | oral | LD50 4570-5840 mg/kg | Rat | Pre-supplier/manufacturer | OECD 401 |
| | dermal | LD50 13900 mg/kg | Rabbit | Pre-supplier/manufacturer | OECD 402 |
| | inhalation (4 h) vapour | LC50 30 mg/l | Rat | Pre-supplier/manufacturer | |

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

May cause drowsiness or dizziness. (propan-2-ol; isopropyl alcohol; isopropanol)

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.

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

No data available

SECTION 12: Ecological information

12.1. Toxicity

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

| CAS No | Chemical name | | | | | |
|---------|---|-----------------|-----------|---------------------|--------------------|--------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | | | | | |
| | Acute fish toxicity | LC50 10000 mg/l | 96 h | Pimephales promelas | Publication (1983) | OECD Guideline 203 |

12.2. Persistence and degradability

No data available

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12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|---------|---|---------|
| 67-63-0 | propan-2-ol; isopropyl alcohol; isopropanol | 0,05 |

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2.1



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Classification code: 5F
 Special Provisions: 190 327 344 625
 Limited quantity: 1 L
 Excepted quantity: E0
 Transport category: 2
 Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
 Hazard label: 2.1



Classification code: 5F
 Special Provisions: 190 327 344 625
 Limited quantity: 1 L
 Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
 Hazard label: 2.1



Special Provisions: 63 190 277 327 344 381 959
 Limited quantity: 1000 mL
 Excepted quantity: E0
 EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS, FLAMMABLE
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
 Hazard label: 2.1



Special Provisions: A145 A167 A802
 Limited quantity Passenger: 30 kg G
 Passenger LQ: Y203
 Excepted quantity: E0
 IATA-packing instructions - Passenger: 203
 IATA-max. quantity - Passenger: 75 kg
 IATA-packing instructions - Cargo: 203
 IATA-max. quantity - Cargo: 150 kg

14.5. Environmental hazards

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ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 100 % (780 g/l)

Information according to Directive 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

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Abbreviations and acronyms

Aerosol: Aerosol
 Compressed gas
 Flam. Liq: Flammable liquid
 Eye Irrit: Eye irritation
 STOT SE: Specific target organ toxicity - single exposure
 CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 CAS: Chemical Abstracts Service
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
 IMDG: International Maritime Code for Dangerous Goods
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification | Classification procedure |
|----------------------|-------------------------------|
| Aerosol 1; H222-H229 | On basis of test data |
| Eye Irrit. 2; H319 | Bridging principle "Aerosols" |
| STOT SE 3; H336 | Bridging principle "Aerosols" |

Relevant H and EUH statements (number and full text)

H222 Extremely flammable aerosol.
 H225 Highly flammable liquid and vapour.
 H229 Pressurised container: May burst if heated.
 H280 Contains gas under pressure; may explode if heated.
 H319 Causes serious eye irritation.

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H336 May cause drowsiness or dizziness.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)