



Safety Data Sheet

acc. to Safe Work Australia - Code of Practice

WELD-ON 711 GRAY ULVOC

Version number: 1.0

Date of compilation: 2022-05-16

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

1.1 Product identifier

Trade name **WELD-ON 711 GRAY ULVOC**
Product category/ies Heavy Body Gray PVC Solvent Cement

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

Relevant identified uses PVC solvent cement adhesive

1.3 Details of the supplier of the safety data sheet

Weld-On
17109 S. Main
Gardena CA 90248-3127
United States

Importer: H R Products
207 Bannister Road
Canning Vale, Western Australia 6155
Tel. 1800998037
Emergency: - Call 13 11 26 (Poisons Australia)

Telephone: 1-310-898-3300
e-mail: EHSInfo@ipscorp.com
Website: www.weldon.com

1.4 Emergency telephone number

Emergency information service 24 Hours - CHEMTEL: (800) 255-3924; International (813) 248-0585

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

| Hazard class | Category |
|---|----------|
| flammable liquid | 2 |
| acute toxicity (oral) | 4 |
| skin corrosion/irritation | 2 |
| serious eye damage/eye irritation | 2 |
| carcinogenicity | 2 |
| specific target organ toxicity - single exposure (respiratory tract irritation) | 3 |
| specific target organ toxicity - single exposure (narcotic effects, drowsiness) | 3 |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

2.2 Label elements

Labelling

- Signal word danger

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- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

| | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H351 | Suspected of causing cancer. |

- Precautionary statements

| | |
|-----------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves. |
| P370+P378 | In case of fire: Use sand, carbon dioxide or powder extinguisher for extinction. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to industrial combustion plant. |

- Hazardous ingredients for labelling tetrahydrofuran, acetone, cyclohexanone

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS |
|-------------------|--------------------|-----------|---|
| tetrahydrofuran | CAS No 109-99-9 | 25 - < 50 | Flam. Liq. 2 / H225 Acute Tox. 4 / H302 Eye Irrit. 2 / H319 Carc. 2 / H351 STOT SE 3 / H335 |
| acetone | CAS No 67-64-1 | 10 - < 25 | Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336 |
| cyclohexanone | CAS No 108-94-1 | 10 - < 25 | Flam. Liq. 3 / H226 Acute Tox. 4 / H302 Acute Tox. 4 / H312 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335 |

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For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

Flash point

-6.16 °F at 101.3 kPa

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

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Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Ceiling-C [ppm] | Ceiling-C [mg/m ³] | Notation | Source |
|---------|--|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|--------|
| AU | cyclohexanone (anone) | 108-94-1 | WES | 25 | 100 | | | | | | WES |
| AU | tetrahydrofuran | 109-99-9 | WES | 100 | 295 | | | | | | WES |
| AU | acetone | 67-64-1 | WES | 500 | 1,185 | 1,000 | 2,375 | | | | WES |
| AU | silicon dioxide, amorphous (silicon dioxide) | 7631-86-9 | WES | | 2 | | | | | r, fume | WES |

Notation

| | |
|-----------|--|
| Ceiling-C | ceiling value is a limit value above which exposure should not occur |
| fume | as fume |
| r | respirable fraction |
| STEL | short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified) |
| TWA | time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified) |

Relevant DNELs of components of the mixture

| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|-------------------|----------|----------|------------------------|------------------------------------|-------------------|----------------------------|
| tetrahydrofuran | 109-99-9 | DNEL | 72.4 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| tetrahydrofuran | 109-99-9 | DNEL | 96 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| tetrahydrofuran | 109-99-9 | DNEL | 150 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |

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| Relevant DNELs of components of the mixture | | | | | | |
|---|----------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
| tetrahydrofuran | 109-99-9 | DNEL | 300 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| tetrahydrofuran | 109-99-9 | DNEL | 12.6 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| acetone | 67-64-1 | DNEL | 1,210 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| acetone | 67-64-1 | DNEL | 2,420 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| acetone | 67-64-1 | DNEL | 186 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| cyclohexanone | 108-94-1 | DNEL | 10 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| cyclohexanone | 108-94-1 | DNEL | 20 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| cyclohexanone | 108-94-1 | DNEL | 10 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| cyclohexanone | 108-94-1 | DNEL | 20 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| cyclohexanone | 108-94-1 | DNEL | 4 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |
| cyclohexanone | 108-94-1 | DNEL | 4 mg/kg bw/day | human, dermal | worker (industry) | acute - systemic effects |

| Relevant PNECs of components of the mixture | | | | | | |
|---|----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| tetrahydrofuran | 109-99-9 | PNEC | 4.32 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| tetrahydrofuran | 109-99-9 | PNEC | 0.432 mg/l | aquatic organisms | marine water | short-term (single instance) |
| tetrahydrofuran | 109-99-9 | PNEC | 4.6 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| tetrahydrofuran | 109-99-9 | PNEC | 23.3 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| tetrahydrofuran | 109-99-9 | PNEC | 2.33 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| tetrahydrofuran | 109-99-9 | PNEC | 2.13 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 10.6 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 1.06 mg/l | aquatic organisms | marine water | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 100 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |

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| Relevant PNECs of components of the mixture | | | | | | |
|---|----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
| acetone | 67-64-1 | PNEC | 30.4 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 3.04 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| acetone | 67-64-1 | PNEC | 29.5 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| cyclohexanone | 108-94-1 | PNEC | 0.356 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| cyclohexanone | 108-94-1 | PNEC | 0.036 mg/l | aquatic organisms | marine water | short-term (single instance) |
| cyclohexanone | 108-94-1 | PNEC | 10 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| cyclohexanone | 108-94-1 | PNEC | 2.69 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| cyclohexanone | 108-94-1 | PNEC | 0.269 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| cyclohexanone | 108-94-1 | PNEC | 0.328 mg/kg | terrestrial organisms | soil | short-term (single instance) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | liquid (viscous) |
| Colour | gray |
| Odour | characteristic |
| Melting point/freezing point | not determined |
| Boiling point or initial boiling point and boiling range | 56.05 °C |
| Flammability | flammable liquid in accordance with GHS criteria |
| Lower and upper explosion limit | not determined |
| Flash point | -21.2 °C at 101.3 kPa |
| Auto-ignition temperature | 215 °C (auto-ignition temperature (liquids and gases)) |
| Decomposition temperature | not relevant |
| pH (value) | not determined |
| Solubility(ies) | not determined |

Partition coefficient

| | |
|---|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---|-----------------------------------|

| | |
|-----------------|------------------|
| Vapour pressure | 240 hPa at 20 °C |
|-----------------|------------------|

Density and/or relative density

| | |
|-------------------------|---|
| Density | 0.956 g/cm ³ at 73 °F |
| Relative vapour density | information on this property is not available |

| | |
|--------------------------|-----------------------|
| Particle characteristics | not relevant (liquid) |
|--------------------------|-----------------------|

Other safety parameters

| | |
|-------------|-----------------------|
| Flash point | -6.16 °F at 101.3 kPa |
|-------------|-----------------------|

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9.2 Other information

| | |
|--|------------------------------------|
| Information with regard to physical hazard classes | there is no additional information |
|--|------------------------------------|

Other safety characteristics

| | |
|---------------|---|
| - VOC content | When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: <= 425 g/L. |
|---------------|---|

SECTION 10: Stability and reactivity**10.1 Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Harmful if swallowed.

GHS of the United Nations, annex 4: May be harmful in contact with skin or if inhaled.

- Acute toxicity estimate (ATE)

Oral 917.3 mg/kg

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| Acute toxicity estimate (ATE) of components of the mixture | | | |
|--|----------|--------------------|--------------|
| Name of substance | CAS No | Exposure route | ATE |
| tetrahydrofuran | 109-99-9 | oral | 500 mg/kg |
| cyclohexanone | 108-94-1 | oral | 500 mg/kg |
| cyclohexanone | 108-94-1 | dermal | 1,100 mg/kg |
| cyclohexanone | 108-94-1 | inhalation: vapour | >6.2 mg/l/4h |

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

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12.6 Endocrine disrupting properties

Information on this property is not available.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

| | |
|-----------|---------|
| UN RTDG | UN 1133 |
| IMDG-Code | UN 1133 |
| ICAO-TI | UN 1133 |

14.2 UN proper shipping name

| | |
|-----------|-----------|
| UN RTDG | ADHESIVES |
| IMDG-Code | ADHESIVES |
| ICAO-TI | Adhesives |

14.3 Transport hazard class(es)

| | |
|-----------|---|
| UN RTDG | 3 |
| IMDG-Code | 3 |
| ICAO-TI | 3 |

14.4 Packing group

| | |
|-----------|----|
| UN RTDG | II |
| IMDG-Code | II |
| ICAO-TI | II |

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

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14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport information - National regulations - Additional information (UN RTDG)

| | |
|-----------------|------|
| UN number | 1133 |
| Class | 3 |
| Packing group | II |
| Danger label(s) | 3 |



| | |
|--------------------------|---------------|
| Special provisions (SP) | - (UN RTDG) |
| Excepted quantities (EQ) | E2 (UN RTDG) |
| Limited quantities (LQ) | 5 L (UN RTDG) |

International Maritime Dangerous Goods Code (IMDG) - Additional information

| | |
|------------------|---|
| Marine pollutant | - |
| Danger label(s) | 3 |



| | |
|--------------------------|----------|
| Special provisions (SP) | - |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 5 L |
| EmS | F-E, S-D |
| Stowage category | B |

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

| | |
|-----------------|---|
| Danger label(s) | 3 |
|-----------------|---|



| | |
|--------------------------|-----|
| Special provisions (SP) | A3 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 1 L |

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SECTION 15: Regulatory information

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

There is no additional information.

National regulations (Australia)

Australian Inventory of Chemical Substances (AICS)

All ingredients are listed or exempt from listing.

National inventories

| Country | Inventory | Status |
|---------|------------|--------------------------------|
| US | TSCA | all ingredients are listed |
| AU | AIIC | all ingredients are listed |
| CA | DSL | all ingredients are listed |
| CN | IECSC | all ingredients are listed |
| EU | ECSI | not all ingredients are listed |
| JP | CSCL-ENCS | not all ingredients are listed |
| JP | ISHA-ENCS | not all ingredients are listed |
| KR | KECI | all ingredients are listed |
| MX | INSQ | not all ingredients are listed |
| NZ | NZIoC | all ingredients are listed |
| PH | PICCS | all ingredients are listed |
| TW | TCSI | all ingredients are listed |
| EU | REACH Reg. | not all ingredients are listed |
| TR | CICR | not all ingredients are listed |

Legend

| | |
|------------|---|
| AIIC | Australian Inventory of Industrial Chemicals |
| CICR | Chemical Inventory and Control Regulation |
| CSCL-ENCS | List of Existing and New Chemical Substances (CSCL-ENCS) |
| DSL | Domestic Substances List (DSL) |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP) |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ | National Inventory of Chemical Substances |
| ISHA-ENCS | Inventory of Existing and New Chemical Substances (ISHA-ENCS) |
| KECI | Korea Existing Chemicals Inventory |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| REACH Reg. | REACH registered substances |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substance Control Act |

15.2 Chemical Safety Assessment

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

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SECTION 16: Other information

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-------------|---|
| Acute Tox. | Acute toxicity |
| ATE | Acute Toxicity Estimate |
| Carc. | Carcinogenicity |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DNEL | Derived No-Effect Level |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| Flam. Liq. | Flammable liquid |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| ICAO-TI | Technical instructions for the safe transport of dangerous goods by air |
| IMDG | International Maritime Dangerous Goods Code |
| IMDG-Code | International Maritime Dangerous Goods Code |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| ppm | Parts per million |
| Skin Corr. | Corrosive to skin |
| Skin Irrit. | Irritant to skin |
| STEL | Short-term exposure limit |
| STOT SE | Specific target organ toxicity - single exposure |
| TWA | Time-weighted average |
| UN RTDG | UN Recommendations on the Transport of Dangerous Good |

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| Abbr. | Descriptions of used abbreviations |
|-------|---|
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and very Bioaccumulative |
| WES | Safe Work Australia: Workplace exposure standards for airborne contaminants |

Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H351 | Suspected of causing cancer. |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.