



## STONE SHIELD

Revision: 2022-11-23

Version: 01.0

### SECTION 1: Identification of the substance/mixture and supplier

#### 1.1 Product identifier

**Product name:** STONE SHIELD

#### 1.2 Recommended use and restrictions on use

**Identified uses:**

Slate sealant

**Restrictions of use:**

Uses other than those identified are not recommended

#### 1.3 Details of the supplier

Diversey Australia Pty. Limited

Unit 8, 55 Newton Road, Wetherill Park, NSW, 2164

1-7 Bell Grove, Braeside, VIC 3195

Telephone: 1800 647 779 (toll free)

Email: aucustserv@diversey.com

Website: diversey.com.au

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

Call 1800 033 111 (24hrs)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Flammable liquids, Category 3

Aspiration toxicity, Category 1

Specific target organ toxicity (single exposure), Category 3

Skin irritation, Category 2

#### 2.2 Label elements



**Signal word:** Danger

#### Hazard statements:

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

AUH066 - Repeated exposure may cause skin dryness or cracking.

#### Prevention statement(s):

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P235 - Keep cool.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof electrical, ventilating or lighting equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P261 - Avoid breathing vapours.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves, protective clothing and eye or face protection.

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**Response statement(s):**

P301+ P310 - IF SWALLOWED: Immediately call a POISON CENTRE, doctor or physician.  
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 - Call a POISON CENTRE, doctor or physician if you feel unwell.  
 P321 - Specific treatment (see supplemental first aid instructions on this label).  
 P331 - Do NOT induce vomiting.  
 P370 + P378 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

**Storage statement(s):**

P403 - Store in a well-ventilated place.  
 P405 - Store locked up.

**Disposal statement(s):**

P501 - Dispose of unused content as chemical waste.

**2.3 Other hazards**

No other hazards known.

**SECTION 3: Composition/information on ingredients****3.1 Substances / Mixtures**

| Ingredient(s)                                 | CAS#       | EC number | Weight percent |
|---|------------|-----------|----------------|
| naphtha (petroleum), hydrodesulphurized heavy | 64742-82-1 | 265-185-4 | 30-60          |
| n-butyl acetate                               | 123-86-4   | 204-658-1 | 30-60          |
| Solvent naphtha, petroleum, light aromatic    | 64742-95-6 | 265-199-0 | 10-30          |

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Get medical attention or advice if you feel unwell.  
**Skin contact:** Wash skin with plenty of lukewarm, gently flowing water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice or attention.  
**Eye contact:** Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.  
**Ingestion:** Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Keep at rest. Immediately call a POISON CENTRE, doctor or physician.  
**Self-protection of first aider:** Consider personal protective equipment as indicated in subsection 8.2.  
**First aid facilities:** Eyewash facilities should be considered in a workplace where necessary.

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

**Inhalation:** May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.  
**Skin contact:** Causes irritation. Repeated exposure may cause skin dryness or cracking.  
**Eye contact:** No known effects or symptoms in normal use.  
**Ingestion:** May be fatal if swallowed and enters airways.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**Poison Information Center:** Call 13 11 26 (Australia Wide).

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Carbon dioxide. Dry powder. Sand. Alcohol-resistant foam. Do not use water.

**5.2 Special hazards arising from the substance or mixture**

No special hazards known.

**5.3 Advice for firefighters**

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

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**5.4 Hazchem code**

•3Y

•3 - Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

Y - Full fire kit and breathing apparatus. Contain.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Turn off all sources of ignition. Ventilate the area. Ensure adequate ventilation. Do not breathe dust or vapour. Wear suitable protective clothing. Wear eye/face protection. Repeated or prolonged contact: Wear suitable gloves.

**6.2 Environmental precautions**

Do not allow to enter drainage system, surface or ground water.

**6.3 Methods and material for containment and cleaning up**

Ensure adequate ventilation. Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

**6.4 Reference to other sections**

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools.

**Measures required to protect the environment:**

For environmental exposure controls see subsection 8.2.

**Advices on general occupational hygiene:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Store used personal protective equipment separately. Avoid contact with skin and eyes. Do not breathe vapours. Do not breathe spray. Use only outdoors or in a well-ventilated area. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a well-ventilated place. Store in a closed container. Keep only in original packaging. Keep cool. Keep away from heat and direct sunlight.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**7.3 Specific end use(s)**

No specific advice for end use available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

| Ingredient(s)   | Long term value(s)<br>(TWA)      | Short term value(s)<br>(STEL)    | Peak value(s) |
|-----------------|----------------------------------|----------------------------------|---------------|
| n-butyl acetate | 150 ppm<br>713 mg/m <sup>3</sup> | 200 ppm<br>950 mg/m <sup>3</sup> |               |

Biological limit values, if available:

**8.2 Exposure controls**

*The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. If available, please refer to the product information sheet for application and handling instructions. Normal use conditions are assumed for this section.*

*Recommended safety measures for handling the undiluted product:*

*Covering activities such as filling and transfer of product to application equipment, flasks or buckets*

**Appropriate engineering controls:** Use only in well ventilated areas.

**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

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**Personal protective equipment****Eye / face protection:**

Safety glasses or goggles (AS/NZS 1337.1).

**Hand protection:**

Chemical-resistant protective gloves (AS/NZS 2161.10). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact: Material: butyl rubber Penetration time:  $\geq 480$  min Material thickness:  $\geq 0.7$  mmSuggested gloves for protection against splashes: Material: nitrile rubber Penetration time:  $\geq 30$  min Material thickness:  $\geq 0.4$  mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

**Body protection:**

Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

**Respiratory protection:**

Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided.

**Environmental exposure controls:**

Should not reach sewage water or drainage ditch undiluted or unneutralised.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|  | <b>Method / remark</b>                         |
|--|--|
| <b>Physical state:</b> Liquid  |  |
| <b>Colour:</b> Clear , Colourless to Amber   |  |
| <b>Odour:</b> Solvent  |  |
| <b>Odour threshold:</b> Not applicable   |  |
| <b>pH:</b> Not applicable No information available.  |  |
| <b>Melting point/freezing point (°C):</b> Not determined   | Not relevant to classification of this product |
| <b>Initial boiling point and boiling range (°C):</b> Not determined  |  |
| <b>Flammability (liquid):</b> Flammable.   |  |
| <b>Flash point (°C):</b> $\approx 30$ °C   | closed cup                                     |
| <b>Sustained combustion:</b> The product sustains combustion<br>( UN Manual of Tests and Criteria, section 32, L.2 ) |  |
| <b>Evaporation rate:</b> Not determined  | Not relevant to classification of this product |
| <b>Flammability (solid, gas):</b> Not applicable to liquids  |  |
| <b>Lower and upper explosion limit/flammability limit (%):</b> Not determined  |  |
| <b>Vapour pressure:</b> Not determined   |  |
| <b>Relative vapour density</b> No data available   | Not relevant to classification of this product |
| <b>Relative density:</b> $\approx 0.81$ (20 °C)  | OECD 109 (EU A.3)                              |
| <b>Solubility in / Miscibility with water:</b> Insoluble   |  |
| <b>Partition coefficient: n-octanol/water</b> No information available.  |  |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

**Autoignition temperature:** Not determined**Decomposition temperature:** Not applicable.**Viscosity:** Not determined**Explosive properties:** Not explosive. Vapours may form explosive mixtures with air.**Oxidising properties:** Not oxidising.**9.2 Other information****Surface tension (N/m):** Not determined**Corrosion to metals:** Not corrosive**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal storage and use conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known under normal storage and use conditions.

**10.4 Conditions to avoid**

Take action to prevent static discharges.

#### 10.5 Incompatible materials

None known under normal use conditions.

#### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Mixture data:.

#### Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

Substance data, where relevant and available, are listed below:.

#### Acute toxicity

Acute oral toxicity

| Ingredient(s)                                 | Endpoint | Value (mg/kg)     | Species | Method | Exposure time (h) |
|---|----------|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |                   |
| n-butyl acetate                               |          | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |                   |

Acute dermal toxicity

| Ingredient(s)                                 | Endpoint | Value (mg/kg)     | Species | Method | Exposure time (h) |
|---|----------|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |                   |
| n-butyl acetate                               |          | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |                   |

Acute inhalative toxicity

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Species | Method | Exposure time (h) |
|---|----------|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |                   |
| n-butyl acetate                               |          | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |                   |

#### Irritation and corrosivity

Skin irritation and corrosivity

| Ingredient(s)                                 | Result            | Species | Method | Exposure time |
|---|-------------------|---------|--------|---------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |         |        |               |
| n-butyl acetate                               | No data available |         |        |               |
| Solvent naphtha, petroleum, light aromatic    | No data available |         |        |               |

Eye irritation and corrosivity

| Ingredient(s)                                 | Result            | Species | Method | Exposure time |
|---|-------------------|---------|--------|---------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |         |        |               |
| n-butyl acetate                               | No data available |         |        |               |
| Solvent naphtha, petroleum, light aromatic    | No data available |         |        |               |

Respiratory tract irritation and corrosivity

| Ingredient(s)                                 | Result            | Species | Method | Exposure time |
|---|-------------------|---------|--------|---------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |         |        |               |
| n-butyl acetate                               | No data available |         |        |               |

|  |                   |  |  |  |
|--|-------------------|--|--|--|
| Solvent naphtha, petroleum, light aromatic | No data available |  |  |  |
|--|-------------------|--|--|--|

**Sensitisation**

Sensitisation by skin contact

| Ingredient(s)                                 | Result            | Species | Method | Exposure time (h) |
|---|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |         |        |                   |
| n-butyl acetate                               | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    | No data available |         |        |                   |

Sensitisation by inhalation

| Ingredient(s)                                 | Result            | Species | Method | Exposure time |
|---|-------------------|---------|--------|---------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |         |        |               |
| n-butyl acetate                               | No data available |         |        |               |
| Solvent naphtha, petroleum, light aromatic    | No data available |         |        |               |

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Mutagenicity

| Ingredient(s)                                 | Result (in-vitro) | Method (in-vitro) | Result (in-vivo)  | Method (in-vivo) |
|---|-------------------|-------------------|-------------------|------------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |                   | No data available |                  |
| n-butyl acetate                               | No data available |                   | No data available |                  |
| Solvent naphtha, petroleum, light aromatic    | No data available |                   | No data available |                  |

Carcinogenicity

| Ingredient(s)                                 | Effect            |
|---|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |
| n-butyl acetate                               | No data available |
| Solvent naphtha, petroleum, light aromatic    | No data available |

Toxicity for reproduction

| Ingredient(s)                                 | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|---|----------|-----------------|--------------------|---------|--------|---------------|------------------------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          |                 | No data available  |         |        |               |                                    |
| n-butyl acetate                               |          |                 | No data available  |         |        |               |                                    |
| Solvent naphtha, petroleum, light aromatic    |          |                 | No data available  |         |        |               |                                    |

**Repeated dose toxicity**

Sub-acute or sub-chronic oral toxicity

| Ingredient(s)                                 | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available  |         |        |                      |                                      |
| n-butyl acetate                               |          | No data available  |         |        |                      |                                      |
| Solvent naphtha, petroleum, light aromatic    |          | No data available  |         |        |                      |                                      |

Sub-chronic dermal toxicity

| Ingredient(s)                                 | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available  |         |        |                      |                                      |
| n-butyl acetate                               |          | No data available  |         |        |                      |                                      |
| Solvent naphtha, petroleum, light aromatic    |          | No data available  |         |        |                      |                                      |

Sub-chronic inhalation toxicity

| Ingredient(s)                                 | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available  |         |        |                      |                                      |
| n-butyl acetate                               |          | No data available  |         |        |                      |                                      |
| Solvent naphtha, petroleum, light aromatic    |          | No data available  |         |        |                      |                                      |

## Chronic toxicity

| Ingredient(s)                                 | Exposure route | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time | Specific effects and organs affected | Remark |
|---|----------------|----------|--------------------|---------|--------|---------------|--------------------------------------|--------|
| naphtha (petroleum), hydrodesulphurized heavy |                |          | No data available  |         |        |               |                                      |        |
| n-butyl acetate                               |                |          | No data available  |         |        |               |                                      |        |
| Solvent naphtha, petroleum, light aromatic    |                |          | No data available  |         |        |               |                                      |        |

## STOT-single exposure

| Ingredient(s)                                 | Affected organ(s) |
|---|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |
| n-butyl acetate                               | No data available |
| Solvent naphtha, petroleum, light aromatic    | No data available |

## STOT-repeated exposure

| Ingredient(s)                                 | Affected organ(s) |
|---|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |
| n-butyl acetate                               | No data available |
| Solvent naphtha, petroleum, light aromatic    | No data available |

## Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

## Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

**SECTION 12: Ecological information**

## 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

## Aquatic short-term toxicity

## Aquatic short-term toxicity - fish

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Species | Method | Exposure time (h) |
|---|----------|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |                   |
| n-butyl acetate                               |          | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |                   |

## Aquatic short-term toxicity - crustacea

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Species | Method | Exposure time (h) |
|---|----------|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |                   |
| n-butyl acetate                               |          | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |                   |

## Aquatic short-term toxicity - algae

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Species | Method | Exposure time (h) |
|---|----------|-------------------|---------|--------|-------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |                   |
| n-butyl acetate                               |          | No data available |         |        |                   |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |                   |

## Aquatic short-term toxicity - marine species

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure |
|---------------|----------|-------|---------|--------|----------|
|---------------|----------|-------|---------|--------|----------|

|   | (mg/l)            | time (days) |
|---|-------------------|-------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |             |
| n-butyl acetate                               | No data available |             |
| Solvent naphtha, petroleum, light aromatic    | No data available |             |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Inoculum | Method | Exposure time |
|---|----------|-------------------|----------|--------|---------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |          |        |               |
| n-butyl acetate                               |          | No data available |          |        |               |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |          |        |               |

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|---|----------|-------------------|---------|--------|---------------|------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |               |                  |
| n-butyl acetate                               |          | No data available |         |        |               |                  |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |               |                  |

Aquatic long-term toxicity - crustacea

| Ingredient(s)                                 | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|---|----------|-------------------|---------|--------|---------------|------------------|
| naphtha (petroleum), hydrodesulphurized heavy |          | No data available |         |        |               |                  |
| n-butyl acetate                               |          | No data available |         |        |               |                  |
| Solvent naphtha, petroleum, light aromatic    |          | No data available |         |        |               |                  |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

**Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

**12.2 Persistence and degradability**

**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

| Ingredient(s)                                 | Inoculum                 | Analytical method | DT <sub>50</sub> | Method    | Evaluation            |
|---|--------------------------|-------------------|------------------|-----------|-----------------------|
| naphtha (petroleum), hydrodesulphurized heavy | Activated sludge, aerobe | Oxygen depletion  | 77% in 28 day(s) | OECD 301F | Readily biodegradable |
| n-butyl acetate                               |                          |                   |                  |           | No data available     |
| Solvent naphtha, petroleum, light aromatic    |                          |                   |                  |           | No data available     |

Ready biodegradability - anaerobic and marine conditions, if available:



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Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

| Ingredient(s)                                 | Value             | Method | Evaluation | Remark |
|---|-------------------|--------|------------|--------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |        |            |        |
| n-butyl acetate                               | No data available |        |            |        |
| Solvent naphtha, petroleum, light aromatic    | No data available |        |            |        |

Bioconcentration factor (BCF)

| Ingredient(s)                                 | Value             | Species | Method | Evaluation | Remark |
|---|-------------------|---------|--------|------------|--------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available |         |        |            |        |
| n-butyl acetate                               | No data available |         |        |            |        |
| Solvent naphtha, petroleum, light aromatic    | No data available |         |        |            |        |

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s)                                 | Adsorption coefficient Log Koc | Desorption coefficient Log Koc(des) | Method | Soil/sediment type | Evaluation |
|---|--------------------------------|-------------------------------------|--------|--------------------|------------|
| naphtha (petroleum), hydrodesulphurized heavy | No data available              |                                     |        |                    |            |
| n-butyl acetate                               | No data available              |                                     |        |                    |            |
| Solvent naphtha, petroleum, light aromatic    | No data available              |                                     |        |                    |            |

**12.5 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging

Recommendation:

Dispose of observing national or local regulations.

**SECTION 14: Transport information****ADG, IMO/IMDG, ICAO/IATA**

14.1 UN number: 1866

14.2 UN proper shipping name:  
Resin solution

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 3

14.4 Packing group: III

14.5 Environmental hazards:

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user: None known.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: The product is not transported in bulk tankers.

Other relevant information:

Hazchem code: \*3Y

IMO/IMDG

EmS: F-E, S-E

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The product has been classified, labelled and packaged in accordance with the requirements of ADG7.7 Code and the provisions of the IMDG Code.

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

## SECTION 15: Regulatory information

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

|                             |  |
|-----------------------------|--|
| <b>National regulations</b> | Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.                      |
| <b>Poison schedule</b>      | Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). |
| <b>Classification</b>       | Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia.                      |
| <b>Inventory listing(s)</b> | Australian Inventory of Industrial Chemicals: All components are listed on the inventory, or are exempt.                               |

## SECTION 16: Other information

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MS31001216

**Version:** 01.0

**Revision:** 2022-11-23

• AUH066 - Repeated exposure may cause skin dryness or cracking.

#### **Additional information:**

**Respirators:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

**Work practices - solvents:** Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

**Exposure standards - Time Weighted Average (TWA) or Workplace Exposure Standard (WES) (NZ):** Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

**Personal protective equipment guidelines:** The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**Health effects from exposure:** It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### **Abbreviations and acronyms:**

- ATE - Acute Toxicity Estimate
- AUH - Non GHS hazard statement
- DNEL - Derived No Effect Limit
- EC No. - European Community Number
- EC50 - effective concentration, 50%
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PNEC - Predicted No Effect Concentration
- STOT-RE - Specific target organ toxicity (repeated exposure)

- STOT-SE - Specific target organ toxicity (single exposure)

**End of Safety Data Sheet**