

# SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

- 1.1 PRODUCT IDENTIFIER:** Bona Toner - Black
- 1.2 PRODUCT CODE:** Not available.
- 1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:**  
**RELEVANT IDENTIFIED USES:** Water-soluble pigment additive for wood floor colouration.
- RESTRICTIONS ON USE:** None known.
- 1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**
- SUPPLIER NAME:** Bona Australia Pty Ltd (ABN: 2208 758 1520)  
**ADDRESS:** Unit 9, Wareca Business Park  
1866 Princes Highway, Clayton, Victoria, 3168  
**E-MAIL:** Info.BonaAustralia@bona.com  
**TELEPHONE NUMBER:** 03 9543 4399
- 1.5 EMERGENCY TEL. NUMBER:** 03 9543 4399 Business Hours. (0408 008 762 After Hours  
or National Chemical Emergency Centre Europe 18000 74234).  
Poisons Information Centre: Aus 131 126.

## SECTION 2 – HAZARD(S) IDENTIFICATION

### 2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:

**GHS CLASSIFICATION HAZARD CLASS & CATEGORY:**

Under the Model Work Health and Safety Regulations, the product would not be classified as hazardous.

### 2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

**SIGNAL WORD:** Not Applicable.  
**PICTOGRAMS:** Not Applicable.  
**HAZARD STATEMENTS:** Not Applicable.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** Not applicable.  
**RESPONSE:** Not applicable.  
**STORAGE:** Not Applicable.  
**DISPOSAL:** Not Applicable.

### 2.3 OTHER HAZARDS:

The product contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhiline (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), which are skin sensitizers and may produce an allergic reaction, though these components are present at concentrations well below the cut-off levels. People with pre-existing skin conditions, such as eczema or dermatitis, should take precautions so as not to exacerbate the condition. As for all chemical products, persons should not expose open wounds, cuts, abrasions or irritated skin to this material.

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## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration %W/W	GHS Classification*
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.036	Acute Tox. 2 (Inhalation) - H330 Acute Tox. 4 (Oral) - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic - H410
2-methyl-2H-isothiazol-3-one	2682-20-4	<0.0015	Acute Tox. 2 (Inhalation) - H330 Acute Tox. 3 (Dermal) - H311 Acute Tox. 3 (Oral) - H301 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic - H410
octhiline (ISO)	26530-20-1	<0.001%	Acute Tox. 2 (Inhalation) - H330 Acute Tox. 3 (Dermal) - H311 Acute Tox. 3 (Oral) - H301 Skin Corr. 1 - H314 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic - H410 Corrosive to the respiratory tract -AUH071
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	<0.001%	Acute Tox. 2 (Inhalation) - H330 Acute Tox. 2 (Dermal) - H310 Acute Tox. 3 (Oral) - H301 Skin Corr. 1C - H314 Eye Dam. 1 - H318 Skin Sens. 1A - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Corrosive to the respiratory tract - AUH071
Other non-hazardous ingredients	-	To 100%	Not Applicable

\* Please see Section 15 of this SDS for the full text description of the Label Elements.

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## SECTION 4 – FIRST AID MEASURES

### 4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

**INGESTION:** Rinse mouth out with water. If swallowed, do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. If irritation develops or persists or vomiting has occurred after ingestion, seek medical assistance.

**EYE:** If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. Continue flushing for at least 15 minutes or until advised to stop by a doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. After flushing, if irritation develops or persists, seek medical assistance.

**SKIN CONTACT:** If skin or hair contact has occurred remove any contaminated clothing and footwear, wash skin or hair thoroughly with soap and water. Do NOT use solvents and/or thinners. If irritation develops or persists, consult a doctor.

**INHALATION:** If affected, remove the patient from further exposure into fresh air, if safe to do so. If providing assistance, avoid exposure to yourself - only enter contaminated environments with adequate respiratory equipment. Once removed, lay patient down in a well-ventilated area and reassure them whilst waiting for medical assistance. If not breathing, provide artificial respiration and seek immediate medical assistance. If unconscious, place in a recovery position and seek immediate medical assistance. If irritation develops/persists, consult a doctor.

#### PROTECTION FOR FIRST AIDERS:

No personnel shall place themselves in a situation that is potentially hazardous to themselves. Assess the scenario for PPE requirements before entering. Assess environment for vapours before entering. Do not enter contaminated area without a respirator. As the product is a mixture, if the person has ingested the product, caution should be exercised in using direct mouth-to-mouth resuscitation techniques. Always ensure that you are wearing gloves when dealing with first aid procedures involving chemicals and/or blood.

**FIRST AID FACILITIES:** Eye wash fountain and safety showers are recommended in the area where the product is used. As a minimum, a source of running, potable water must be available.

### 4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

**ACUTE:** Inhalation of vapours may lead to irritation of the mouth and respiratory tract. Ingestion may lead to nausea. Eye contact may lead to localised burning, redness and tearing. Skin contact may lead to redness or itching.

**CHRONIC:** The product contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhilonone (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), which are skin sensitisers and may produce an allergic reaction, though these components are present at concentrations well below the cut-off levels. Repeated or prolonged skin contact with the mixture may cause removal of natural fat from the skin and aggravate/exacerbate existing skin conditions, such as dermatitis.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

**ADVICE TO DOCTOR:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

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## SECTION 5 – FIRE FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA:

**SUITABLE MEDIA:** Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, alcohol resistant foam, dry chemical or water fog. Spray down fumes resulting from fire.

**UNSUITABLE MEDIA:** Avoid using full water jet directed at residual material that may be burning. Water may cause splattering on hot residues.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

**COMBUSTION HAZARDS:** Combustion may produce oxides of carbon and nitrogen, and if the product solvent is evaporated during a fire, the residual dispersed materials may decompose and release dense black smoke and toxic substances.

### 5.3 ADVICE FOR FIREFIGHTERS:

**FIRE:** This product is not flammable under conditions of use. Keep storage areas and fire exposed surfaces, etc, cool with water spray. Do not allow runoff from a fire to enter drains, sewers or waterways.

**HAZCHEM CODE:** Not applicable.

**EXPLOSION:** No information to indicate that the product is an explosion hazard. Extinguish all sources of flame or spark. Closed containers may explode when exposed to extreme heat.

**PROTECTIVE EQUIPMENT:** In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

**PERSONAL PROTECTION:** For spills, wear Nitrile Rubber gloves, glasses/goggles, boots and full-length clothing. During routine operation for a small spill a respirator is not required. However, if mists or vapours are generated, an approved organic vapour/particulate respirator is required. For large spills, or in confined spaces, a full chemically resistant bodysuit is recommended and the atmosphere must be evaluated for oxygen deficiency. If in doubt wear self-contained breathing apparatus.

**CONTROL MEASURES:** Ventilate area and extinguish and/or remove all sources of ignition. Stop the leak if safe to do so. **CAUTION:** The spilled product will be slippery. Avoid contact with the spilled material.

**EMERGENCY PROCEDURES:** In the event of a spill or accidental release, notify the relevant authorities in accordance with all applicable regulations.

### 6.2 ENVIRONMENTAL PRECAUTIONS:

**SPILL ADVICE:** Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES - Cont'd

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

**CONTAINMENT:** Contain the spill and absorb with a proprietary absorbent material, sand or earth. Caution: The spilled product will be slippery. For large spills, prepare a bund/barrier/dyke ahead of the spill to confine the spill and allow later recovery. If there is the possibility of spills to enter drains, surface water, sewers or watercourses ensure bunding, or that drains are covered, to minimise the potential for this to occur.

**CLEANING PROCEDURES:** Having contained the spill, as mentioned above, collect all material quickly and place used absorbent in suitable containers. CAUTION: The spilled product will be slippery. Follow local regulations for the disposal of waste. For large spills that have been banded, the material can be pumped into vessels and returned for reprocessing or destruction. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during cleaning procedures. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

## SECTION 7 – HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

**SAFE HANDLING:** Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. A full-face shield should be used if there is the potential for the product to enter the eye via processes such as mixing, spraying or splashes. Prevent small spills and leakage to avoid slip hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Always keep in containers made of the same material as the original one. Never use pressure to empty the container; the container is not a pressure vessel. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

**SAFE STORAGE:** Store between 5°C and 30°C in a dry, well ventilated, frost-free area away from direct sunlight, ignition sources, oxidising agents, strong acids and alkalis, foodstuffs, animal feeds and clothing. Keep containers closed when not in use. Always keep in containers made of the same material as the original one. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Protect the packaging from damage. When the packaged material is intact the product is deemed to be of limited hazard.

**INCOMPATIBILITIES:** Avoid oxidising agents, including strong acids, and strongly alkaline materials.

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## SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

### 8.1 EXPOSURE CONTROL MEASURES:

#### EXPOSURE LIMIT VALUES:

Exposure standards for the product have not been established. There are no known exposure standards for the product as mists or vapours. Exposure standards for individual components are as follows:

#### **1,2-benzisothiazol-3(2H)-one:**

DNEL (long-term dermal, systemic, general population) = 0.345 mg/kg bw/day

DNEL (long-term dermal, systemic, workers) = 0.966 mg/kg bw/day

DNEL (long-term inhalation, systemic, general population) = 1.2 mg/m<sup>3</sup>

DNEL (long-term inhalation, systemic, workers) = 6.81 mg/m<sup>3</sup>

#### **2-methylisothiazol-3(2H)-one:**

DNEL (long-term inhalation, local, general population) = 0.021 mg/m<sup>3</sup>

DNEL (long-term inhalation, local, workers) = 0.021 mg/m<sup>3</sup>

DNEL (long-term oral, systemic, general population) = 0.027 mg/kg bw/day

DNEL (short-term inhalation, local, general population) = 0.043 mg/m<sup>3</sup>

DNEL (short-term inhalation, local, workers) = 0.043 mg/m<sup>3</sup>

DNEL (short-term oral, systemic, general population) = 0.053 mg/kg bw/day

#### **Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

DNEL (long-term inhalation, local, general population) = 0.02 mg/m<sup>3</sup>

DNEL (long-term inhalation, local, workers) = 0.02 mg/m<sup>3</sup>

DNEL (short-term inhalation, local, general population) = 0.04 mg/m<sup>3</sup>

DNEL (short-term inhalation, local, workers) = 0.04 mg/m<sup>3</sup>

DNEL (long-term oral, systemic, general population) = 0.09 mg/kg bw/day

DNEL (short-term oral, systemic, general population) = 0.11 mg/kg bw/day

### 8.2 BIOLOGICAL MONITORING:

No data available.

### 8.3 CONTROL BANDING:

No data available.

### 8.4 ENGINEERING CONTROLS:

Use product in a well-ventilated area. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. Special ventilation is not normally required. However, in the operation of certain equipment, in enclosed spaces or at elevated temperatures, mists or vapours may be generated and exhaust ventilation may be required to maintain airborne concentration levels below a level considered irritating by individuals.

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## SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION - Cont'd

### 8.5 INDIVIDUAL PROTECTION MEASURES:

#### EYE & FACE PROTECTION:

Wear safety glasses/goggles to avoid eye contact. If when mixing or stirring the product there is the possibility of splashing, a full-face shield is recommended. Use eye protection in accordance with AS 1336 and AS 1337.

#### SKIN (HAND) PROTECTION:

As the product contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhiline (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), which are skin sensitizers and may produce an allergic reaction, if there is the chance of skin contact with the material, wear gloves to provide hand protection. Nitrile rubber gloves are recommended.

#### SKIN (CLOTHING) PROTECTION:

During normal operating procedures, long sleeved clothing is recommended to avoid skin contact. Soiled clothing should be washed with detergent prior to re-use.

#### RESPIRATORY PROTECTION:

Use only in well-ventilated areas. During routine operation, a respirator is not required. If irritating mists or vapours are generated, an approved half face organic vapour/particulate respirator is required. Use respirators in accordance with AS 1715 and AS 1716.

**THERMAL PROTECTION:** Not applicable.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Liquid.
<b>ODOUR:</b>	No data available.
<b>ODOUR THRESHOLD:</b>	No data available.
<b>pH:</b>	No data available.
<b>MELTING/FREEZING POINT:</b>	No data available.
<b>INITIAL BOILING POINT:</b>	No data available.
<b>BOILING RANGE (°C):</b>	No data available.
<b>FLASHPOINT (°C):</b>	No data available.
<b>EVAPORATION RATE:</b>	No data available.
<b>FLAMMABILITY LIMITS (%):</b>	No data available.
<b>VAPOUR PRESSURE (kPa):</b>	No data available.
<b>VAPOUR DENSITY:</b>	No data available.
<b>DENSITY (g/mL @ 20°C):</b>	No data available.
<b>SOLUBILITY IN WATER(g/L):</b>	No data available.
<b>PARTITION COEFFICIENT:</b>	No data available for n-octanol/water.
<b>AUTO-IGNITION TEMP (°C):</b>	No data available.
<b>DECOMPOSITION TEMP (°C):</b>	No data available.
<b>VISCOSITY (Dynamic):</b>	No data available.
<b>VISCOSITY (cSt @ 40°C):</b>	No data available.

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## SECTION 10 – STABILITY AND REACTIVITY

- 10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed in the following sub-sections.
- 10.2 CHEMICAL STABILITY:** Stable under recommended storage and handling conditions (see section 7).
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Keep away from oxidising agents, including strong acids and strong alkaline materials. Hazardous polymerisation does not occur.
- 10.4 CONDITIONS TO AVOID:** Observe the usual precautionary measures for handling chemicals. Do not heat the container or leave the container open when not in use. When exposed to high temperatures may produce hazardous decomposition products.
- 10.5 INCOMPATIBLE MATERIALS:** Avoid oxidising agents, strong acids and strong alkaline materials.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous decomposition products are not expected to form during normal storage requirements. Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## SECTION 11 – TOXICOLOGICAL INFORMATION

- 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:** The product is a mixture and test data is not available for the product as a whole.
- 11.2 SWALLOWED:** This product is expected to have a low order of toxicity associated with it when ingested. Due to the presence of 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhilonone (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), ingestion may cause slight irritation to the mouth, throat and digestive tract. Ingestion of significant quantities may lead to irritation to the stomach, and the person may feel nauseous. During normal usage, ingestion should not be a means of exposure.
- 11.3 SKIN CORROSION / IRRITATION:** This product is not expected to exhibit Dermal Corrosivity / Irritation, based on the available data and the known hazards of the components. May be mildly irritating to the skin due to the presence of 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhilonone (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), which are skin irritants and sensitisers, though these components are present at concentrations well-below the concentration cut off levels. Prolonged or repeated contact may cause removal of the natural fat from the skin, resulting in non-allergic contact dermatitis and possibly absorption through the skin. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.

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## SECTION 11 – TOXICOLOGICAL INFORMATION - Cont'd

### 11.4 SERIOUS EYE DAMAGE / IRRITATION:

This product is not expected to exhibit Eye Irritation or Serious Damage/ Corrosivity, based on the available data and the known hazards of the components according to the manufacturer. May be mildly irritating to the eyes due to the presence of 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhilonone (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), which are rated as Causes severe eye damage, although these components are present at concentrations well-below the concentration cut off levels. Symptoms may include localised burning, redness and tearing. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.

### 11.5 RESPIRATORY OR SKIN SENSITISATION:

This product is not expected to be a skin sensitiser, based on the available data and the known hazards of the components. However, the product contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, octhilonone (ISO), and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), which are skin sensitisers and may produce an allergic reaction, though these components are present at concentrations well below the cut-off levels. This product is not expected to be a respiratory tract sensitiser, based on the available data and the known hazards of the components.

### 11.6 GERM CELL MUTAGENICITY:

This product is not expected to be mutagenic based on the available data and the known hazards of the components.

### 11.7 CARCINOGENICITY:

This product is not expected to be a carcinogen based on the available data and the known hazards of the components.

### 11.8 REPRODUCTIVE TOXICITY:

This product is not expected to be a reproductive hazard based on the available data and the known hazards of the components.

### 11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

#### SINGLE EXPOSURE:

This product is not expected to cause organ damage from a single exposure, based on the available data and the known hazards of the components. This product is not expected to pose an irritation hazard at ambient temperature or under normal handling conditions. Not classified as a respiratory irritant, however inhalation of vapours or mist (generated at elevated temperatures or by mechanical action) may cause irritation to the nose, throat and respiratory system.

### 11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

**REPEATED EXPOSURE:** This product is not expected to cause organ damage from prolonged or repeated exposure, based on the available data and the known hazards of the components.

**11.11 ASPIRATION HAZARD:** This product is not expected to be an aspiration hazard, based on the available data and the known hazards of the components. As the product is a mixture, aspiration into the lungs may be an issue if vomiting has occurred after ingestion or if stomach irrigation is deemed necessary. As a precaution, if vomiting has occurred after ingestion, the patient should be monitored for adverse effects. The manufacturer recommends that if swallowed, do NOT induce vomiting.

**11.12 OTHER INFORMATION:** No additional information.

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## SECTION 12 – ECOLOGICAL INFORMATION

**12.1 ECOTOXICITY:** There is no data available for the product as a whole. The product has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous to the environment. The ecotoxicity data for individual components are as follows:

**1,2-benzisothiazol-3(2H)-one:**

EC<sub>50</sub> (Acute, 72 hours, Algae) = 0.15 mg/L  
EC<sub>50</sub> (Acute, 96 hours, Algae) = 0.055 mg/L  
EC<sub>50</sub> (Acute, 48 hours, Daphnia) = 97 ppb  
LC<sub>50</sub> (Acute, 48 hours, Crustaceans) = 10-20 mg/L  
LC<sub>50</sub> (Acute, 96 hours, Fish) = 167 ppb

**2-methylisothiazol-3(2H)-one:**

EC<sub>50</sub> (Acute, 72 hours, Algae) = 0.157 mg/L  
EC<sub>50</sub> (Acute, 96 hours, Algae) = 0.063 mg/L  
EC<sub>50</sub> (Acute, 48 hours, Daphnia) = 1.6 mg/L  
EC<sub>50</sub> (Acute, 48 hours, Daphnia) = 0.18 ppm  
LC<sub>50</sub> (Acute, 96 hours, Fish) = 12.4 mg/L  
LC<sub>50</sub> (Acute, 96 hours, Fish) = 0.07 ppm  
NOEC (Acute, 48 hours, Daphnia) = 0.882 mg/L  
NOEC (Acute, 96 hours, Fish) = 3.06 mg/L

**octhilinone (ISO):**

EC<sub>50</sub> (Acute, 48 hours, Daphnia) = 107 ppb  
LC<sub>50</sub> (Acute, 96 hours, Fish) = 47 ppb

**Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

EC<sub>50</sub> (Acute, 48 hours, Daphnia) = 0.12 mg/L  
LC<sub>50</sub> (Acute, 96 hours, Fish) = 0.32 mg/L

**12.2 PERSISTENCE & DEGRADABILITY:**

No persistence or biodegradability data is available for the product.

**12.3 BIOACCUMULATIVE POTENTIAL:**

No bioaccumulative data is available for the product. This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**octhilinone (ISO):**

LogP<sub>ow</sub> = 2.45  
Low bioaccumulative potential

**12.4 MOBILITY IN SOIL:**

No information is available.

**12.5 OTHER ADVERSE EFFECTS:**

Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs. The product is miscible with water.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

**13.1 DISPOSAL METHODS:**

**PRODUCT:** The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an appropriate collection depot. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations. Do not pour leftover product down the drain.

**CONTAINERS:** Empty containers may contain residual material. They should be completely drained and then stored until reconditioned or disposed of. Empty containers should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations. Empty containers should be recycled wherever possible rather than being sent to landfill or incinerated. If being sent to landfill any residual product must be allowed to dry before disposal.

## SECTION 14 – TRANSPORT INFORMATION

This product is not regulated for land, sea or air transportation.

**14.1 LAND (ADG Code):**

<b>UN NUMBER:</b>	Not applicable
<b>UN PROPER SHIPPING NAME:</b>	Not applicable
<b>TRANSPORT HAZARD CLASS(ES):</b>	Not applicable
<b>PACKAGING GROUP:</b>	Not applicable
<b>ENVIRONMENTAL HAZARDS:</b>	Not applicable
<b>SPECIAL PRECAUTIONS FOR USER:</b>	Not applicable
<b>HAZCHEM CODE:</b>	Not applicable

**14.2 SEA (IMDG):**

<b>UN NUMBER:</b>	Not applicable
<b>UN PROPER SHIPPING NAME:</b>	Not applicable
<b>TRANSPORT HAZARD CLASS(ES):</b>	Not applicable
<b>PACKAGING GROUP:</b>	Not applicable
<b>ENVIRONMENTAL HAZARDS:</b>	Not applicable
<b>SPECIAL PRECAUTIONS FOR USER:</b>	Not applicable

**14.3 AIR (IATA):**

<b>UN NUMBER:</b>	Not applicable
<b>UN PROPER SHIPPING NAME:</b>	Not applicable
<b>TRANSPORT HAZARD CLASS(ES):</b>	Not applicable
<b>PACKAGING GROUP:</b>	Not applicable
<b>ENVIRONMENTAL HAZARDS:</b>	Not applicable
<b>SPECIAL PRECAUTIONS FOR USER:</b>	Not applicable

Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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## SECTION 15 – REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

#### APPLICABLE REGULATIONS:

<b>SUSMP:</b>	Not scheduled.
<b>AICIS:</b>	All ingredients are listed on the AIC list.
<b>MONTREAL PROTOCOL:</b>	Not applicable to this product.
<b>STOCKHOLM CONVENTION:</b>	Not applicable to this product.
<b>ROTTERDAM CONVENTION:</b>	Not applicable to this product.
<b>BASEL CONVENTION:</b>	Not applicable to this product.
<b>INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL):</b>	Not applicable to this product.

#### OTHER REGULATORY INFORMATION:

#### GHS CLASSIFICATION HAZARD CLASS & CATEGORY AND HAZARD STATEMENT:

- Acute Toxicity (Oral) Category 3; H301 – Toxic if swallowed.
- Acute Toxicity (Oral) Category 4; H302 – Harmful if swallowed.
- Acute Toxicity (Dermal) Category 2; H310 – Fatal in contact with skin.
- Acute Toxicity (Dermal) Category 3; H311 – Toxic in contact with skin.
- Skin Corrosion/Irritation Category 1, 1B, 1C; H314 – Causes severe skin burns and eye damage.
- Skin Corrosion/Irritation Category 2; H315 – Causes skin irritation.
- Skin Sensitisation Category 1A; H317 – May cause an allergic skin reaction.
- Eye Damage/Irritation Category 1; H318 – Causes serious eye damage.
- Acute Toxicity (Inhalation) Category 2; H330 – Fatal if inhaled.
- Hazardous to the Aquatic Environment (Acute) Category 1; H400 – Very toxic to aquatic life.
- Hazardous to the Aquatic Environment (Chronic) Category 1; H410 – Very toxic to aquatic life with long lasting effects.
- AUH071 – Corrosive to the respiratory tract.

## SECTION 16 – ANY OTHER RELEVANT INFORMATION

#### SDS INFORMATION:

Date of SDS Preparation: 20 April 2026

Version: 1.0

#### VERSION HISTORY:

Version	Date	Summary of Changes
1.0	20/04/2026	Initial Preparation of Safety Data Sheet.

#### ACRONYMS:

ACGIH	American Conference of Governmental Industrial Hygienists
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICIS	Australian Industrial Chemicals Introduction Scheme
AiIC	Australian Inventory of Industrial Chemicals
CAS Number	Chemical Abstracts Service Registry Number
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]
DNEL	Derived No Effect Level
EC <sub>50</sub>	Effective Concentration of a substance that causes 50% of the maximum response after exposure for a nominated time
ECHA	European Chemicals Agency
EH40	EH40/2005 Workplace Exposure Limits
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
HCIS	Hazardous Chemical Information System

# SAFETY DATA SHEET

## SECTION 16 – ANY OTHER RELEVANT INFORMATION - Cont'd

### ACRONYMS (Continued):

HSE-WEL	Health and Safety Executive - Workplace Exposure Limit
HSNO	Hazardous Substances and New Organisms Act 1996
IATA	International Air Transport Association
IMAP	Inventory Multi-Tiered Assessment and Prioritisation
IMDG	International Maritime Dangerous Goods
IUCLID	International Uniform Chemical Information Database
LC <sub>50</sub>	Median Lethal Concentration
LD <sub>50</sub>	Median Lethal Dose
NOHSC	National Occupational Health and Safety Commission
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-Operation and Development
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative and Toxic
PPE	Personal Protective Equipment.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RTECS	Registry of Toxic Effects of Chemical Substances
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time-Weighted Average
UN Number	United Nations Number
vPvP	Very Persistent and Very Bioaccumulative
WHS	Work Health and Safety
%W/W	Percent Weight for Weight

### LITERATURE REFERENCES AND SOURCES OF DATA:

Annex I: OECD Test Guidelines for Studies Included in SIDS  
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]  
Assigning a Hazardous Substance to a Group Standard  
Australian Dangerous Goods Code 7<sup>th</sup> Edition  
Correlation between GHS and New Zealand HSNO Hazard Classes and Categories  
Guidance on the Classification of Hazardous Chemicals under the WHS Regulations  
Hazardous Chemical Information System (HCIS) - Guidance Material for Hazard Classifications  
HSNO Control Regulations  
International Toxicity Testing Guidelines  
Labelling of Hazardous Substances Hazard and Precautionary Information  
Manual for the Assessment of Chemicals Chapter 2 Data Gathering  
Model Work Health and Safety Regulations - Transitional Principles  
Model Work Health and Safety Regulations.  
OECD Guidelines for Testing of Chemicals  
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.  
Record of Group Standard Assignment  
Summary User Guide to the HSNO Thresholds and Classifications of Hazardous Substances  
Supplier's Safety Data Sheet and Technical Data Sheet  
Thresholds and Classifications Under the Hazardous Substances and New Organisms Act 1996  
User Guide to the HSNO Thresholds and Classifications  
Workplace Exposure Standards and Biological Exposure Indices  
Workplace Exposure Standards for Airborne Contaminants

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