

# SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: Citrus Burst

1.2 PRODUCT CODE: URIN-BURST

#### 1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:

RELEVANT IDENTIFIED USES: RESTRICTIONS ON USE: Toilet Urinal deodoriser.

This is a plastic device incorporating air freshener for urinals that contains hazardous components that leads to a hazardous rating by calculation for the product. The rating in the Safety Data Sheet is applicable for Occupational Risk Characterisation. This information is appropriate for incidents, such as spills, or when the person is depositing the device in the urinal. Once deposited, contact with the chemical components of the product should not occur. For use scenarios, where the product is being used in its capacity as a urinal freshener, labelling will be consistent with the requirements for similar products that contain these types of components and will contain the statement "Keep out of reach of children. Use only as directed. Avoid contact with the plastic device and wash hands after use."

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:		
SUPPLIER NAME:	CleanStar Australia Pty Ltd	
ABN:	51 121 002 104	
ADDRESS (Australia):	59 Radford Road	
	Reservoir	
	VIC, Australia, 3073	
WEBSITE:	cleanstar.com.au	

TELEPHONE NUMBER (Australia):03 9460 56551.5 EMERGENCY TEL. NUMBER:Australia: 0407 367680<br/>(Poisons Information Centre 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 be rated as Hazardous: Sensitisation - Skin - Category 1 Chronic Aquatic Toxicity - Category 3

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

SIGNAL WORD:

Warning

PICTOGRAMS:



# SECTION 2 – HAZARD(S) IDENTIFICATION Continued

HAZARD STATEMENTS:	H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
PRECAUTIONARY STATEME PREVENTION:	<ul> <li>P102 - Keep out of reach of children.</li> <li>P103 - Read label before use.</li> <li>P261 - Avoid breathing vapours.</li> <li>P272 - Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</li> </ul>
RESPONSE:	<ul> <li>P101 - If medical advice is needed, have product container or label at hand.</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.</li> <li>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse.</li> </ul>
STORAGE:	Not Applicable.
DISPOSAL:	P501 - Dispose of contents/container in accordance with local regulations.
2.3 OTHER HAZARDS*:	The above hazards are associated with the product if people come into direct contact with the product (Urinal Freshener). Under normal use scenarios this would be unlikely, with the most likely scenario being, during initial handling, and accidentally touching eyes, skin, hair, food etc. They also represent the hazards the product may create, in the scenario of the packaging being damaged or a large scale incident, such as a spill. Once deposited, in normal use scenarios, contact with the chemical components should not occur. Excessive exposure to vapours may result in irritation to the respiratory system. 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.

# **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS NUMBER	CONCENTRATION %W/W	GHS CLASSIFICATION*
Benzyl Benzoate	120-51-4	7-10	Acut Tox 4 - H302
-			Chron Aq Tox 2 - H411
Citral	5392-40-5	0.5-2	Skin Irrit 2 - H315
			Skin Sen 1 - H317
Linalool	78-70-6	0.5-2	Skin Irrit 2 - H315
			Skin Sen 1 - H317
Aldehyde C-10	112-31-2	0.1-0.8	Eye Irrit 2A - H319
			Chron Aq Tox 3 - H412
Aldehyde C-8	124-13-0	0.1-0.8	Flam Liq 3 - H226
			Skin Irrit 2 - H315
			Eye Irrit 2A - H319
			Chron Aq Tox 3 - H412
Allyl Caproate	123-68-2	0.1-0.8	Acut Tox 3 - H301
			Acut Tox 3 - H311
Allyl Cyclo Hexyl Propionate	2705-87-5	0.1-0.8	Acut Tox 3 - H301
			Acut Tox 3 - H311
Dihydro Myrcenol	18479-58-8	0.1-0.8	Skin Irrit 2 - H315
			Eye Irrit 2A - H319
			STOT SE 3 - H336
Geraniol	106-24-1	0.1-0.8	Skin Irrit 2 - H315
			Skin Sen 1 - H317
			Eye Dam/Irrit 1 - H318

# SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS Cont'd

Lime Terpenes	68917-71-5	0.1-0.8	Flam Liq 3 - H226
			Asp Haz 1 - H304
			Skin Irrit 2 - H315
			Skin Sen 1 - H317
			Acut Aq Tox 1 – H400
			Chron Aq Tox 1 - H410
Nerolin Crystals	93-18-5	0.1-0.8	Skin Irrit 2 - H315
			Eye Irrit 2A - H319
			Chron Aq Tox 2 - H411
Orange Terpenes (Limonene)	5989-27-5	0.1-0.8	Flam Liq 3 - H226
			Asp Haz 1 - H304
			Skin Irrit 2 - H315
			Skin Sen 1 - H317
			Acut Aq Tox 1 – H400
			Chron Aq Tox 2 - H412
Citronellal	106-23-0	<0.2	Skin Irrit 2 - H315
			Skin Sen 1 - H317
			Eye Irrit 2A - H319
			Chron Aq Tox 2 - H411
Other non-hazardous ingredients	-	To 100%	Not Applic

Not Applic = Not Applicable \* Please see Section 15 of this SDS for the full text description of the Label Elements\*

# SECTION 4 – FIRST AID MEASURES

### 4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION:	If the device is placed into the mouth, rinse the mouth out with water. Due to the blend of ingredients present, the manufacturer recommends that if ingested, 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 or a burning sensation develops or persists or vomiting has occurred after ingestion, call a Poisons Information Centre (Tel. Australia 13 11 26; New Zealand 0800 764 766) or doctor/physician.
EYE:	If there is contact with the 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. 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. As the product is rated as May cause an allergic reaction, after flushing, if skin irritation or rash occurs, seek medical assistance.
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.

# **SECTION 4 – FIRST AID MEASURES Continued**

PROTECTION FOR FIRST AIDERS:	No personnel shall place themselves in a situation that is potentially hazardous to themselves. Due to the nature of the product, if the person has ingested the product, do not use 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 or at least a source of running water are required in the area where the product is used.	
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:		
ACUTE:	Skin contact may lead to redness or itching. Ingestion of the product could lead to gastrointestinal tract irritation with nausea and vomiting. Eye contact may lead to localised burning, redness and tearing. Inhalation of vapours may lead to irritation of the mouth and respiratory tract.	
CHRONIC:	The product is rated as May cause an allergic skin reaction. Skin contact may 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.

# **SECTION 5 – FIRE FIGHTING MEASURES**

#### 5.1 EXTINGUISHING MEDIA: SUITABLE MEDIA:

Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, foam or water spray. Spray down fumes resulting from fire.

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

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

**COMBUSTION HAZARDS:** Combustion of the material may produce oxides of carbon as well as smoke and irritating vapours.

#### 5.3 ADVICE FOR FIREFIGHTERS:

FIRE:

This product contains fragrance components in a polymer base and would be combustible in a fire scenario. 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.

**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 small spills, wear Nitrile gloves, glasses/goggles, boots and full-length clothing. During routine operation for a small spill in the open, where any vapours will be dissipated, a respirator would not be required. For large spills, or in confined spaces, a full chemically resistant body-suit and self-contained breathing apparatus is recommended.

**CONTROL MEASURES:** Ventilate area and extinguish and/or remove all sources of ignition. CAUTION: The spilled product will be a trip hazard. Avoid contact with the spilled material.

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES Continued**

**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. 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: CONTAINMENT: Observe all personal protective equipment recommendations described in this Safety Data Sheet. Shovel or sweep up material and place into clean, dry, suitably labelled containers and close lids tightly. If there is the possibility of spills or rinsings 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. Follow local regulations for the disposal of waste. Personnel must wear the appropriate protection as mentioned in Section 6.1 during cleaning procedures. Wash contaminated area and objects with large volumes of detergent and water after spill has been cleared. Rinse the cleaned area with water.

### 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, full-length clothing and an apron. Avoid inhalation of vapours. 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 before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

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

SAFE STORAGE: Store in a cool, dry, well-ventilated area away from heat and ignition sources, combustible materials, reducing agents, organic materials, strong acids and alkalis, foodstuffs and clothing. It is recommended to store the product at below 30°C. Keep containers closed when not in use.

**INCOMPATIBILITIES:** Oxidising substances including strong acids.

# SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

### 8.1 EXPOSURE CONTROL MEASURES:

EXPOSURE LIMIT VALUES: Exposure standards for the product have not been established. 8.2 BIOLOGICAL MONITORING: No data available.

8.3 CONTROL BANDING: No data available.

### 8.4 ENGINEERING CONTROLS:

**ENGINEERING CONTROLS:** Special ventilation is not normally required, when using this product in normal use scenarios. However, in scenarios, such as a spill, if vapours are generated local exhaust ventilation should be provided to maintain airborne concentration levels at an acceptable level that does not cause irritation.

### 8.5 INDIVIDUAL PROTECTION MEASURES:

**EYE & FACE PROTECTION:** Wear safety glasses/goggles to avoid eye contact when handling. Use eye protection in accordance with AS 1336 and AS 1337.

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

SKIN (HAND) PROTECTION: When handling the product, personnel must wear gloves to provide hand protection. Vinyl or 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 reuse.
- **RESPIRATORY PROTECTION:** During routine operation a respirator is not required. However, if vapours are generated at a level that is uncomfortable to the individual, 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:

ODOUR:Characteristic fragrance.ODOUR THRESHOLD:Not applicable.pH @ 20°C:Not applicable.MELTING/FREEZING POINT:Not applicable.INITIAL BOILING POINT:No data available.BOILING RANGE (°C):Not applicable.FLASHPOINT (°C):Not applicable.EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.FLOW TIME @ 20°C:Not applicable.	APPEARANCE:	Solid
pH @ 20°C:Not applicable.MELTING/FREEZING POINT:Not applicable.INITIAL BOILING POINT:Not applicable.BOILING RANGE (°C):Not applicable.FLASHPOINT (°C):Not applicable.EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):Not applicable.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	ODOUR:	Characteristic fragrance.
MELTING/FREEZING POINT:Not applicable.INITIAL BOILING POINT:No data available.BOILING RANGE (°C):Not applicable.FLASHPOINT (°C):Not applicable.EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	ODOUR THRESHOLD:	Not applicable.
INITIAL BOILING POINT:No data available.BOILING RANGE (°C):Not applicable.FLASHPOINT (°C):Not applicable.EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	pH @ 20°C:	Not applicable.
BOILING RANGE (°C):Not applicable.FLASHPOINT (°C):Not applicable.EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):Not applicable.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	MELTING/FREEZING POINT:	Not applicable.
FLASHPOINT (°C):Not applicable.EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	INITIAL BOILING POINT:	No data available.
EVAPORATION RATE:Not applicable.FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.		Not applicable.
FLAMMABILITY LIMITS (%):Not applicable.VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.VISCOSITY (cst @ 100°C):Not applicable.VISCOSITY (cst @ 40°C):Not applicable.	FLASHPOINT (°C):	Not applicable.
VAPOUR PRESSURE (kPa):Not applicable.VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not applicable.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cst @ 100°C):Not applicable.VISCOSITY (cst @ 40°C):Not applicable.	EVAPORATION RATE:	Not applicable.
VAPOUR DENSITY:Not applicable.DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):Not ata available.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	FLAMMABILITY LIMITS (%):	Not applicable.
DENSITY (g/mL @ 20°C):Not applicable.SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):No data available.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	VAPOUR PRESSURE (kPa):	Not applicable.
SOLUBILITY IN WATER(g/L):No data available.PARTITION COEFFICIENT:Not applicable.AUTO-IGNITION TEMP (°C):No data available.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	VAPOUR DENSITY:	Not applicable.
PARTITION COEFFICIENT:       Not applicable.         AUTO-IGNITION TEMP (°C):       No data available.         DECOMPOSITION TEMP (°C):       Not applicable.         VISCOSITY (cst @ 100°C):       Not applicable.         VISCOSITY (cst @ 40°C):       Not applicable.	DENSITY (g/mL @ 20°C):	Not applicable.
AUTO-IGNITION TEMP (°C):No data available.DECOMPOSITION TEMP (°C):Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	SOLUBILITY IN WATER(g/L):	No data available.
DECOMPOSITION TEMP (°C): Not applicable.VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.		Not applicable.
VISCOSITY (cSt @ 100°C):Not applicable.VISCOSITY (cSt @ 40°C):Not applicable.	· · ·	
VISCOSITY (cSt @ 40°C): Not applicable.		Not applicable.
		Not applicable.
FLOW TIME @ 20°C: Not applicable.	· • •	Not applicable.
	FLOW TIME @ 20°C:	Not applicable.

### 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: 10.3 POSSIBILITY OF	Stable under recommended storage and handling conditions (see section 7).
HAZARDOUS REACTIONS:	Keep away from strong oxidising agents, such as strong acids. 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 it in direct sunlight. Keep containers closed when not in use. Avoid extreme temperatures. It is recommended to store the product at below 30°C.
10.5 INCOMPATIBLE MATERIALS: 10.6 HAZARDOUS DECOMPO PRODUCTS:	Strong oxidising agents, including acids. <b>DSITION</b> Hazardous decomposition products are not expected to form during normal storage requirements.

# **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. It may cause slight irritation to the mouth, throat and digestive tract. 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
IKKITATION:	available data and the known hazards of the components. May be mildly irritation, based on the skin. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. The product contains components rated as Causes skin irritation, however these are present at amounts below the Concentration cut-off levels. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.
11.4 SERIOUS EYE DAMAGE/	
IRRITATION:	This product is not expected to exhibit Serious Eye Damage/Irritation, based on the available data and the known hazards of the components. May be mildly irritating to the eyes. Symptoms may include localised burning, redness and tearing. The product contains components rated as Causes serious eye irritation, however these are present at amounts below the Concentration cut-off levels. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.
11.5 RESPIRATORY OR	This product is noted as a May source on allergic skin reaction. This product is
SKIN SENSITISATION:	This product is rated as a May cause an allergic skin reaction. 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:	The 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 ORG	AN TOXICITY (STOT) -
SINGLE EXPOSURE: 11.10 SPECIFIC TARGET ORC	There is no data available for the product as a whole. 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 (generated due to incidents) may cause irritation to the nose, throat and respiratory system. However, in normal use scenarios it is unlikely that any airborne vapours will be generated at a level that would be irritating.
REPEATED EXPOSURE:	There is no data available for the product as a whole. 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 as stated by the manufacturer.
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. If swallowed, rinse the mouth out and do NOT induce vomiting. If vomiting has occurred after ingestion the person should be observed to ensure that aspiration into the lungs has not occurred.

11.12 OTHER INFORMATION: No additional data is available.

### **SECTION 12 – ECOLOGICAL INFORMATION**

12.1 ECOTOXICITY:	There is no data available for the product as a whole. Based upon calculated values, the overall product would be expected to be rated as Harmful to aquatic life with long lasting effects.
12.2 PERSISTENCE & DEGRADABILITY: 12.3 BIOACCUMULATIVE	There is no data available.
POTENTIAL:	There is no data available.
12.4 MOBILITY IN SOIL: 12.5 OTHER ADVERSE	There is no data available.
EFFECTS:	Do not allow the product to reach ground water, water courses or sewage systems.

### **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 waste at an
appropriate collection depot. Spilled product that cannot be recovered should be
carefully shovelled, into a suitable waste container, such as a plastic drum with
a tight-fitting lid, 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.

**CONTAINERS:** Empty containers may contain residual product. They should be completely emptied and then stored until disposed of. Empty containers should be taken for recycling after cleaning or for disposal through suitably licensed contractors in accordance with Government regulations.

### **SECTION 14 – TRANSPORT INFORMATION**

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

14.1 LAND (ADG Code): UN NUMBER: UN PROPER SHIPPING	Not applicable
NAME: TRANSPORT HAZARD	Not applicable
CLASS(ES): PACKAGING GROUP:	Not applicable Not applicable
ENVIRONMENTAL HAZARDS:	Not applicable
SPECIAL PRECAUTIONS FOR USER: HAZCHEM CODE:	Not applicable Not applicable
14.2 SEA (IMDG): UN NUMBER: UN PROPER SHIPPING	Not applicable
NAME: TRANSPORT HAZARD	Not applicable
CLASS(ES): PACKAGING GROUP:	Not applicable Not applicable
ENVIRONMENTAL HAZARDS:	Not applicable
SPECIAL PRECAUTIONS FOR USER:	Not applicable

### SECTION 14 – TRANSPORT INFORMATION Continued

14.3 AIR (IATA):	
UN NUMBER:	Not applicable
UN PROPER SHIPPING	
NAME:	Not applicable
TRANSPORT HAZARD	
CLASS(ES):	Not applicable
PACKAGING GROUP:	Not applicable
ENVIRONMENTAL	
HAZARDS:	Not applicable
SPECIAL PRECAUTIONS	
FOR USER:	Not applicable

### SECTION 15 – REGULATORY INFORMATION

#### 15.1 SAFETY. HEALTH AND ENVIRONMENTAL REGULATIONS: **APPLICABLE REGULATIONS:** SUSMP: Not applicable, industrial use product.

AIIC: All ingredients are on the AIIC.

MONTREAL PROTOCOL: Not applicable to this product. STOCKHOLM CONVENTION: Not applicable to this product. **ROTTERDAM CONVENTION:** Not applicable to this product. Not applicable to this product. **BASEL CONVENTION:** INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL): Not applicable to this product.

### OTHER REGULATORY INFORMATION:

#### **GHS CLASSIFICATION HAZARD CLASS & CATEGORY**

AND HAZARD STATEMENT: Flammable Liquids Category 3; H226 - Flammable liquid and vapour. Acute Toxicity - Oral Category 3; H301 - Toxic if swallowed.

Acute Toxicity - Oral Category 4; H302 - Harmful if swallowed. Aspiration Hazard Category 1; H304 - May be fatal if swallowed and enters airways. Acute Toxicity - Dermal Category 3; H311 - Toxic in contact with skin. Skin Corrosion/Irritation Category 2; H315 - Causes skin irritation. Sensitisation - Skin Category 1; H317 - May cause an allergic skin reaction. Eve Damage/Irritation Category 1; H318 - Causes serious eve damage. Eve Damage/Irritation Category 2A: H319 - Causes serious eve irritation. Specific Target Organ Toxicity (Single Exposure) Category 3; H336 - May cause drowsiness or dizziness. Acute Aquatic Toxicity Category 1; H400 - Very Toxic to aquatic life. Chronic Aquatic Toxicity Category 1; H410 - Very Toxic to aquatic life with long lasting effects Chronic Aquatic Toxicity Category 2; H411 - Toxic to aquatic life with long lasting effects Chronic Aquatic Toxicity Category 3; H412 - Harmful to aquatic life with long lasting effects.

# SECTION 16 – ANY OTHER RELEVANT INFORMATION

#### SDS INFORMATION: Date of SDS Preparation:

16th October 2024

Version: 1.1

**REVISION CHANGES:** 

ACRONYMS:

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
CAS Number	Chemical Abstracts Service Registry Number

Revision of concentrations.

### **SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued**

#### **ACRONYMS (Continued):**

EINECS	European Inventory of Existing Commercial Chemical Substances	
UN Number	United Nations Number	
OSHA	Occupational Safety and Health Administration	
ACGIH	American Conference of Governmental Industrial Hygienists	
HSE-WEL	Health and Safety Executive - Workplace Exposure Limit	
EH40	EH40/2005 Workplace Exposure Limits	
IMDG	International Maritime Dangerous Goods	
IATA	International Air Transport Association	
IUCLID	International Uniform Chemical Information Database	
RTECS	Registry of Toxic Effects of Chemical Substances	
%W/W	Percent weight for weight	
OECD	Organisation for Economic Co-Operation and Development	
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail	
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services	
NOHSC	National Occupational Health and Safety Commission	
AICIS	Australian Industrial Chemicals Introduction Scheme	
NICNAS	National Industrial Chemicals Notification & Assessment Scheme	
IMAP	Inventory Multi-Tiered Assessment and Prioritisation	
AIIC	Australian Inventory of Industrial Chemicals	
AICS	Australian Inventory of Chemical Substances	
TWA	Time-Weighted Average	
STEL	Short Term Exposure Limit	
HSNO	Hazardous Substances and New Organisms Act 1996	
GHS	Globally Harmonised System of Classification and Labelling of Chemicals	
WHS	Work Health and Safety PPE Personal Protective Equipment.	
LD <sub>50</sub>	Median Lethal Dose	
LC <sub>50</sub>	Median Lethal Concentration	
EC <sub>50</sub>	Effective Concentration of a substance that causes 50% of the maximum response after	
	exposure for a nominated time	
NOAEL	No Observed Adverse Effect Level	
NOEC	No Observed Effect Concentration	
ECHA	European Chemicals Agency	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals	
HCIS	Hazardous Chemical Information System	

### LITERATURE REFERENCES AND SOURCES OF DATA:

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

### **SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued**

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. The information presented here within, is based upon the product information supplied by the manufacturer. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.