

## 1. IDENTIFICATION

**Product Name:** Frosty Pear Fragrance  
**Other Names:**  
**Product Use Description:** Fragrance for Consumer Product.

**Contact Information:**

| Organisation                          | Location   | Telephone    | Ask For     |
|---------------------------------------|--|--------------|-------------|
| Adelaide Moulding and Candle Supplies | 7 Woodlands Terrace<br>Edwardstown, South<br>Australia, 5039 | 08 8294 0451 | SDS Officer |
| Poisons Information Centre            |  | 13 11 26     |             |

## 2. HAZARD IDENTIFICATION

**Classification of Substance of Mixture:** Flammable Liquids (Category 4)  
 Skin Irritation (Category 2)  
 Acute Toxicity – Oral Category 4  
 Acute Toxicity – Dermal Category 5  
 Eye Irritation (Category 2)  
 Skin Sensitisation (Category 1)  
 Carcinogenicity (Category 1B)  
 Reproductive Toxicity (Category 2)  
 Acute Aquatic Toxicity (Category 2)  
 Chronic Aquatic Toxicity (Category 2)  
 Hazardous to the Aquatic Environment - Acute (Category 1)  
 Hazardous to the Aquatic Environment – Long-term (Category 2)  
 H227 Combustible Liquid.  
 H302 Harmful if swallowed.  
 H313 May be harmful in contact with skin.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H350 May cause cancer (exposure route).  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.

**Hazard Symbol(s):** Xi Xn N

**Hazard Pictogram(s):**



**Signal Word:** WARNING

**Risk Phrases:** R36 Irritating to eyes  
 R38 Irritating to skin  
 R43 May cause sensitization by skin contact.  
 R51 Toxic to aquatic organisms  
 R53 May cause long-term adverse effects in the aquatic environment.

R62 Possible risk of impaired fertility

**Safety Phrases:**

S16 Keep away from sources of ignition – No smoking.  
S24 Avoid contact with skin.  
S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S29 Do not empty into drains.  
S36/37/39 Wear suitable protective clothing/gloves and eye/face protection.  
S60 This material and its container must be disposed of hazardous waste.  
S61 Avoid release to the environment.

**Hazard Statements (s):**

H227 Combustible liquid.  
H302 Harmful if swallowed.  
H313 May be harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H350 May cause cancer (exposure route)  
H361 Suspected of damaging fertility or the unborn child.  
H400 Very toxic to aquatic life  
H401 Toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statements(s):**

P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, sparks, open flames, and hot surfaces – no smoking.  
P261 Avoid breathing vapour or dust.  
P264 Wash hands and other contacted skin thoroughly after handling.  
P270 Do not eat, drink, or smoke when using this product.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician in you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 If exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  
P330 Rinse mouth.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337 + P313 if eye irritation persists: Get medical advice/attention.  
P362 Take off contaminate clothing and wash before reuse.  
P370 + P378 In case of fire: Use foam, carbon dioxide (CO2), dry powder.  
P391 Collect Spillage.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to an approved waste disposal plant, in accordance with local regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixtures:**

| CAS No      | Description                       | Concentration | GHS Classification     |
|-------------|-----------------------------------|---------------|------------------------|
| 84-66-2     | diethyl benzene-1,2-dicarboxylate | 30-60         | -                      |
| 104-55-2    | 3-phenyl propen-2-al              | < 10          | H312, H315, H317, H319 |
| 32210-23-4  | 4-tert-butyl cyclohexyl acetate   | < 10          | H303, H317, H401       |
| 165184-98-5 | hexyl cinnamic aldehyde           | < 10          | H317, H401, H411       |
| 97-53-0     | 4-allyl-2-methoxy phenol          | < 10          | H317, H319             |

|           |  |         |  |
|-----------|--|---------|--|
| 80-54-6   | p-tert-butyl-alpha-methyl dihydrocinnamic aldehyde | < 1     | H302, H315, H317, H361, H401, H411   |
| 120-51-4  | Benzyl benzoate                                    | 20-<50% | Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400- H411                                   |
| 104-55-2  | Cinnamaldehyde                                     | 10-<20% | Acute Tox. 5-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1A-Aquatic Acute 2;H303-H312-H315-H317-H319-H401  |
| 97-53-0   | Eugenol  | 10-<20% | Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2ASkin Sens. 1B-Aquatic Acute 2;H303-H316-H317-H319-H401                     |
| 121-32-4  | Ethyl vanillin                                     | 10-<20% | Acute Tox. 5-Eye Irrit. 2B-Aquatic Acute 3;H303-H320-H402  |
| 91-64-5   | Coumarin   | 1-<5%   | Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402  |
| 103-54-8  | Cinnamyl acetate                                   | 1-<5%   | Acute Tox. 5-Skin Irrit. 3;H303-H316   |
| 120-57-0  | Piperonal  | 1-<5%   | Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H401  |
| 123-11-5  | p-Methoxybenzaldehyde                              | 1-<5%   | Acute Tox. 5-Aquatic Acute 3;H303-H402   |
| 4360-47-8 | Cinnamionitrile (isomer unspecified)               | 1-<5%   | Acute Tox. 3-Acute Tox. 4-Skin Irrit. 3- Skin Sens. 1B;H301-H312-H316-H317   |
| 87-44-5   | beta-Caryophyllene                                 | 1-<5%   | Skin Irrit. 3-Skin Sens. 1B-Asp. Tox 1; H304-H316-H317   |
| 128-37-0  | Butylated hydroxytoluene                           | 1-<5%   | Aquatic Acute 1-Aquatic Chronic 1;H410   |
| 78-70-6   | Linalool   | 0.1-<1% | Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3; H227-H303-H315-H317-H319-H402 |
| 98-55-5   | alpha-Terpineol                                    | 0.1-<1% | Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2;H227-H303-H315-H319-H401                     |
| 104-54-1  | Cinnamyl alcohol                                   | 0.1-<1% | Acute Tox. 5-Skin Sens. 1B;H303-H317   |

|          |                 |         |   |
|----------|-----------------|---------|---|
| 123-68-2 | Allyl hexanoate | 0.1-<1% | Flam. Liq. 4-Acute Tox. 3-<br>Acute Tox. 3-<br>Acute Tox. 3-Aquatic Acute<br>1-Aquatic<br>Chronic 3;H227-H301-<br>H311-H331-H400-H412 |
| 94-59-7  | Safrole         | 0.1-<1% | Acute Tox. 4-Muta. 2-Carc.<br>1B;H302-H341-H350   |
| 103-50-4 | Dibenzyl ether  | 0.1-<1% | Acute Tox. 5-Skin Irrit. 3-<br>Skin Sens. 1BAquatic<br>Acute 1-Aquatic Chronic<br>1;H303-H316-H317-H410                               |

#### 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Ingestion:</b>    | Give plenty of water to drink. Call a POISON CENTRE or doctor/physician if you feel unwell.  |
| <b>Skin Contact:</b> | Remove any contaminated clothing or shoes. Wash skin with soap and water. If skin irritation persists: Get medical advice/attention. |
| <b>Eye Contact:</b>  | Flush eye(s) immediately with water for 15 minutes, lifting eyelids occasionally.<br>Contact a physician if irritation persists.     |
| <b>Inhalation:</b>   | Remove from the exposure to fresh air. Contact a physician, as necessary.  |

#### 5. FIRE FIGHTING MEASURES

|  |   |
|--|---|
| <b>Suitable extinguishing media:</b>   | Carbon dioxide (CO2), Dry power, Foam.  |
| <b>Unsuitable extinguishing media:</b> | Do not use full water jet.  |
| <b>Advice for Fire Fighters:</b>       | Avoid inhalation of generated fumes or vapours. Keep containers cool by spraying them with water if exposed to fire. Wear self-contained breathing apparatus and protective suit. |

#### 6. ACCIDENTAL RELEASE MEASURES

|                          |   |
|--------------------------|---|
| <b>Spills and Leaks:</b> | Eliminate all ignition sources. Ventilate area. Contain spill and recover free product. Do not discharge product into drains, surface water or ground water.<br>Absorb remainder on vermiculite or other suitable non-flammable absorbent material. Use of self-contained breathing apparatus is recommended for any major chemical spills. Place material and absorbent into sealed containers and dispose of in accordance with current applicable laws and regulation. |
|--------------------------|---|

#### 7. HANDLING AND STORAGE

|                             |   |
|-----------------------------|---|
| <b>General Precautions:</b> | Care should be taken to observe any precautions given on the container.   |
| <b>Handling:</b>            | Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment. Avoid contact with eyes, skin, and clothing – always wear safety goggles. Empty containers retain product residue (liquid and/or vapour) and can be hazardous. Do not re-use empty containers. Avoid contact with heat, sparks and flame. Do not pressurise, cut, weld, braze, solder, drill, grind, or expose containers to heat, sparks or open flame. |
| <b>Storage Conditions:</b>  | Store in a tightly closed container. Keep away from heat, sparks, flame, and sources of light. Store in a cool, dry, well-ventilated area away from incompatible substances.  |
| <b>Other Precautions:</b>   | Good manufacturing practices dictate that an eyewash fountain and/or safety shower should be available in the work area. Smoking and naked flames should not be permitted in areas where product is handled.  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace exposure limits:

| Ingredient               | CAS      | EC        | Description  | ppm | mg/m3 | Reference |
|--------------------------|----------|-----------|--|-----|-------|-----------|
| Butylated hydroxytoluene | 128-37-0 | 204-881-4 | Long-term exposure limit (8-hour TWA reference period) | -   | -     | -         |
|                          |          |           | Short-term exposure limit (15-minute reference period) | -   | -     | -         |

**For diethyl benzene -1,2-dicarboxylate:** TWA 5mg/m3

**For hexyl cinnamic aldehyde:** DNEL: Inhalation Systemic-long term 0.078mg/m3, Local-acute 6.3mg/m3, Dermal Systemic - long term 18mg/kgbw/day, Local long term 525ug/cm2, local acute 525ug.cm2

**Engineering Controls:** Not available.

**Fire & Explosion Hazard:** Keep away from heat and open flames.

**Respiratory Protection:** Use NIOSH approved respirator.

**Ventilation Protection:** Use adequate general or local exhaust ventilation.

**Eye Protection:** Use goggles or face shields.

**Skin Protection:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing Protection:** Wear appropriate protective clothing to prevent skin exposure.

**Other Information:** Avoid inhalation and contact with skin and eyes. Good hygiene practices should be used. Wash after any contact, before breaks and meals or using the toilet, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid, colourless to yellow.  
**Aroma/Odour:** Preformistic.  
**pH:** Not determined  
**Melting Point:** Not determined  
**Boiling point:** Not determined  
**Upper/lower flammability range:** Not determined  
**Flash Point (closed cup test):** 81°C  
**Flammability (Solid, gas):** Not determined  
**Evaporation Rate:** Not determined  
**Vapour pressure:** Not determined  
**Vapor Density:** Not determined  
**Auto Ignition Temp:** No data available.  
**Decomposition temperature:** No data available.  
**Solubility:** Insoluble in water  
**Specific Gravity:** 1.02 -1.05  
**Other information:** None available

## 10. STABILITY AND REACTIVITY

**Reactivity Hazards:** Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to avoid:** Heating, pressurising, and impacting product.

**Incompatibilities with other materials:** Avoid contact or contamination with strong acids, alkalis, oxidising and reducing agents.

**Hazardous Combustion or** No hazardous decomposition products known.

**Decomposition Products:****Hazardous Reactions:** Has not been reported.**11. TOXICOLOGICAL INFORMATION****Acute & Chronic health effects:** Chronic, prolonged exposure to the product concentrate may result in irreversible effects.**Possible routes of exposure:****Ingestion:****Skin/eye exposure:** Contact with skin and eyes may result in irritation.**Inhalation:** Where this material is used at elevated temperatures vapour may cause irritation to mucous membranes and respiratory tract, headache, and nausea.**Effects following exposure:** Not available**Dose concentration or conditions of exposure likely to cause injury:** Not available**Delayed effects:** Not available**Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity:** 1843**Assumed Toxicity Value (LD50 of ATE) for Acute Dermal Toxicity:** 4103**Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity:** Not Available**Inhalation Route:** Not Available**Information about hazardous Ingredients in the Mixture:**

| Ingredient   | CAS       | EC        | LD50/ATE Oral | LD50/ATE Dermal | LC50/ATE Inhalation |
|--|-----------|-----------|---------------|-----------------|---------------------|
| diethyl benzene-1,2-dicarboxylate                  | -         | -         | 8600          | > 10000         | Not Determined      |
| 4-tert-butyl cyclohexyl acetate                    | -         | -         | 5000          | >5000           | Not Determined      |
| hexyl cinnamic aldehyde                            | -         | -         | 3100          | >3000           | >2100               |
| 4-allyl-2-methoxy phenol                           | -         | -         | >2000         |                 | Not Determined      |
| p-tert-butyl-alpha-methyl dihydrocinnamic aldehyde | -         | -         | 1390          | >5250           | Not Determined      |
| Allyl hexanoate                                    | 123-68-2  | 204-642-4 | 300           | 300             | 3                   |
| Benzyl benzoate                                    | 120-51-4  | 204-402-9 | 1500          | 4000            | Not available       |
| Cinnamaldehyde                                     | 104-55-2  | 203-213-9 | 2500          | 1100            | Not available       |
| Cinnamitrile (isomer unspecified)                  | 4360-47-8 | 224-441-5 | 275           | 1910            | Not available       |
| Coumarin   | 91-64-5   | 202-086-7 | 500           | Not available   | Not available       |

**12. ECOLOGICAL INFORMATION****For diethyl benzene-1,2-dicarboxylate****Ecotoxicity:**

LC50 - Oncorhynchus mykiss (rainbow trout) - 12.00 mg/l - 96 h

NOEC - Lepomis macrochirus (Bluegill) - 1.65 mg/l - 96 h

LC50 Daphnia magna (Water flea) – 90.0 mg/l - 48 h

EC50 Desmodemus subspicatus (Scenedesmus subspicatus) - 23 mg/l - 72 h

**Persistence and degradability:****Biodegradability:** aerobic - Exposure time 28d, Result: > 94.6 % - Readily biodegradable.**Bioaccumulation** Lepomis macrochirus (Bluegill) - 21 d -0.00942 mg/l**Bioconcentration factor (BCF):** 117

**For 4-tert-butyl cyclohexyl acetate:**

Ecotoxicity:

Toxicity to fish: LC50(96 h) = 8.6 mg/l

EC50 Daphnia magna (Water flea) = 5.3 mg/l – 48h (OECD Test Guideline 202)

Toxicity to algae: ErC50 = 17 mg/l – 72h

Biodegradability: 75%, Readily biodegradable.

**For hexyl cinnamic aldehyde:**

Daphnia magna (Water flea) LC50 0.36-0.59 mg/l/48hrs

Pimephales promelas (Fathead minnow) Fish LC50 1.7 mg/l/96hrs

(Growth Inhibition) EC50 Desmodesmus subspicatus (Scenedesmus subspicatus) &gt;0.065 mg/l/72hrs

EC50 Worm Lumbriculus variegatus 659 mg/l/28days

**For 4-allyl-2-methoxy phenol:**

LC50 Danio rerio (zebra fish) 13mg/L – 96h

EC50 Daphnia 1.13mg/L 48h

Persistence and degradability: Readily Biodegradable

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**For p-tert-butyl-alpha-methyl dihydrocinnamic aldehyde:**

Daphnia magna (Water flea) LC50 22.4 mg/l/48hrs

(Growth Inhibition) EC50 Desmodesmus subspicatus (Scenedesmus subspicatus) 32.5 mg/l/72hrs

(Activated sludge respiration inhibition) Toxicity to bacteria EC50 104/3hours mg/l

FISH LC50 2.04 mg/l/96hr

**General:**

|                                       |   |
|---------------------------------------|---|
| <b>Ecotoxicity:</b>                   | Very toxic to aquatic life.<br>Toxic to aquatic life with long lasting effects. |
| <b>Persistence and degradability:</b> | No specific data available. Avoid release into environment.                     |
| <b>Bioaccumulation:</b>               | No specific data available. Avoid release into environment.                     |
| <b>Mobility in soil:</b>              | No specific data available. Avoid release into environment.                     |
| <b>PBT and vPvB Assessment:</b>       | This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.        |
| <b>Other Adverse Effects:</b>         | Not Available   |

### 13. DISPOSAL CONSIDERATIONS

|                  |  |
|------------------|--|
| <b>Disposal:</b> | Do not release into any sewers, on the ground, or into any body of water.<br>For unused & uncontaminated product, the preferred options include sending to a licensed incinerator or other thermal destruction device. Disposal should be in accordance with federal, state and local regulations. |
|------------------|--|

### 14. TRANSPORT INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>UN No:</b>                        | Not relevant   |
| <b>UN Proper Shipping Name:</b>      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Benzyl benzoate, Butylated hydroxytoluene) |
| <b>Transport Hazard Class(es):</b>   | 9  |
| <b>Sub Risk:</b>                     | -  |
| <b>Packing Group:</b>                | III  |
| <b>Environmental Hazards:</b>        | This is an environmentally hazardous substance.  |
| <b>Special Precautions for user:</b> | None additional  |

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not Applicable

## 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations Specific for the substance or mixture

Water Hazard Class (WGK) N/A

Chemical Safety Assessment N/A

All ingredients listed on AICS.

## 16. OTHER INFORMATION

### Abbreviations & Acronyms

| Abbreviation      | Meaning  |
|-------------------|--|
| Acute Tox. 3      | Acute Toxicity – Oral Category 3                                   |
| Acute Tox. 3      | Acute Toxicity – Dermal Category 3                                 |
| Acute Tox. 3      | Acute Toxicity – Inhalation Category 3                             |
| Acute Tox. 4      | Acute Toxicity – Oral Category 4                                   |
| Acute Tox. 4      | Acute Toxicity – Dermal Category 4                                 |
| Acute Tox. 5      | Acute Toxicity – Oral Category 5                                   |
| Acute Tox. 5      | Acute Toxicity – Dermal Category 5                                 |
| Aquatic Acute 1   | Hazardous to the Aquatic Environment - Acute Hazard Category 1     |
| Aquatic Acute 2   | Hazardous to the Aquatic Environment - Acute Hazard Category 2     |
| Aquatic Acute 3   | Hazardous to the Aquatic Environment - Acute Hazard Category 3     |
| Aquatic Chronic 1 | Hazardous to the Aquatic Environment - Long-term Hazard Category 1 |
| Aquatic Chronic 2 | Hazardous to the Aquatic Environment - Long-term Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the Aquatic Environment - Long-term Hazard Category 3 |
| Asp. Tox 1        | Aspiration Hazard Category 1                                       |
| Carc. 1B          | Carcinogenicity Category 1B  |
| Eye Irrit. 2A     | Eye Damage / Irritation Category 2                                 |
| Eye Irrit. 2B     | Eye Damage / Irritation Category 2B                                |
| Flam. Liq. 4      | Flammable Liquid, Hazard Category 4                                |
| Flam. Sol. 2      | Flammable Solid, Hazard Category 2                                 |
| H227              | Combustible liquid.  |
| H301              | Toxic if swallowed.  |
| H302              | Harmful if swallowed.  |
| H303              | May be harmful if swallowed.                                       |
| H304              | May be fatal if swallowed and enters airways.                      |
| H311              | Toxic in contact with skin.  |
| H312              | Harmful in contact with skin.                                      |
| H313              | May be harmful in contact with skin.                               |
| H315              | Causes skin irritation.  |
| H316              | Causes mild skin irritation.                                       |
| H317              | May cause an allergic skin reaction.                               |
| H319              | Causes serious eye irritation.                                     |
| H320              | Causes eye irritation.   |
| H331              | Toxic if inhaled.  |
| H341              | Suspected of causing genetic defects (exposure route).             |
| H350              | May cause cancer (exposure route).                                 |
| H361              | Suspected of damaging fertility or the unborn child.               |
| H400              | Very toxic to aquatic life.  |
| H401              | Toxic to aquatic life.   |
| H402              | Harmful to aquatic life.   |
| H410              | Very toxic to aquatic life with long lasting effects.              |
| H411              | Toxic to aquatic life with long lasting effects.                   |



|                    |   |
|--------------------|---|
| H412               | Harmful to aquatic life with long lasting effects.  |
| P202               | Do not handle until all safety precautions have been read and understood.   |
| P210               | Keep away from flames and hot surfaces. – No smoking.   |
| P261               | Avoid breathing fumes and vapours.  |
| P264               | Wash thoroughly after handling.   |
| P270               | Do not eat, drink, or smoke when using this product.  |
| P271               | Use only outdoors or in a well-ventilated area.   |
| P272               | Contaminated work clothing should not be allowed out of the workplace.  |
| P273               | Avoid release to the environment.   |
| P280               | Wear protective gloves/eye protection/face protection.  |
| P281               | Use personal protective equipment as required.  |
| P301/310           | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.   |
| P301/312           | IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.   |
| P304 + 340         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                    |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P308 + P313        | IF exposed or concerned: Get medical advice/attention.  |
| P311               | Call a POISON CENTRE or doctor/physician.   |
| P312               | Call a POISON CENTRE or doctor/physician if you feel unwell.  |
| P330               | Rinse mouth.  |
| P331               | Do not induce vomiting.   |
| P332/313           | If skin irritation occurs: Get medical advice/attention.  |
| P333 + P313        | If skin irritation or rash occurs: Get medical advice/attention.  |
| P337 + P313        | If eye irritation persists: Get medical advice/attention.   |
| P361               | Remove/Take off immediately all contaminated clothing.  |
| P362               | Take off contaminated clothing and wash before reuse.   |
| P363               | Wash contaminated clothing before reuse.  |
| P370               | In case of fire: Use foam, carbon dioxide (CO2), or dry powder.   |
| P391               | Collect Spillage  |
| P403/235           | Store in a well-ventilated place. Keep cool.  |
| P405               | Store locked up.  |
| P501               | Dispose of contents/container to approved disposal site, in accordance with local regulations.                                      |
| Skin Irrit. 2      | Skin Corrosion / Irritation Category 2  |
| Skin Irrit. 3      | Skin Corrosion / Irritation Category 3  |
| Skin Sens. 1A      | Sensitization - Skin Category 1A  |
| Skin Sens. 1B      | Sensitization - Skin Category 1B  |

#### Abbreviations and acronyms

AICS: Australian Inventory of Chemical Substances  
CAS: Chemical Abstracts Services  
GHS: Globally Harmonised System  
LD50: Median Lethal Dose (50%)  
LC50: Median Lethal Concentration (50%)  
NICNAS: National Industrial Chemicals Notification and Assessment Scheme  
NIOSH: National Institute of Occupational Safety and Health  
STEL: Short Term Exposure Limits  
TWA: Time Weighted Average  
UN: United NationsAA204442 Revised 8 April 2021 page 6 of 6

#### Key literature references and sources for data

##### Prepared in Accordance with:

Work Health and Safety Regulations 2011  
Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (United Nations)

##### Sources of Data:

List of Designated Hazardous Substances  
Approved Criteria for Classifying Hazardous Substances  
Safe Work Australia - Hazardous Chemical Information System (HCIS)  
Australian Dangerous Goods Code  
Australian Inventory of Chemical Substances (AICS) (NICNAS)

Exposure Standards (Workplace Exposure Standards for Airborne Contaminants)

**Further Information**

The information in this safety data sheet is to the best of our knowledge true and accurate, but all data, instructions, and recommendations and/or suggestions are made without guarantee.

The Material Safety Data Sheet is intended to provide information for a health and safety assessment of the material. This document is not intended for quality assurance purposes.