



## AquaGUARD Balance One

AGent

AGent SDS: AquaGUARD Balance One [2026.02]

Version No: 2026.02

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Hazard Alert Code: 0

Issue Date: July 2026  
Print Date: (auto-fills on print)  
AGENT.GHS.AUS.EN.E

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

#### Product Identifier

|                               |                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------|
| Product name                  | AquaGUARD Balance One                                                                                          |
| Chemical Name                 | Sodium bicarbonate                                                                                             |
| Synonyms                      | Sodium hydrogen carbonate; baking soda; bicarbonate of soda; sodium acid carbonate; total alkalinity increaser |
| Proper shipping name          | Not Applicable — NON-DANGEROUS GOODS                                                                           |
| Chemical formula              | NaHCO <sub>3</sub>                                                                                             |
| Other means of identification | AquaGUARD Balance One [2026.02]                                                                                |

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

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| Identified uses      | Swimming pool and spa total-alkalinity increaser / buffer. |
| Uses advised against | None specified in the source SDS.                          |

#### Details of the manufacturer or supplier of the safety data sheet

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Registered company name | AGent Sales & Services Pty Ltd                     |
| Address                 | 38 May Holman Drive, Bassendean WA 6054, Australia |
| Telephone               | (+61 8) 6270 4500 / 1300 833 844                   |
| Website                 | agentsales.com.au                                  |
| Email                   | admin@agentsales.com.au                            |

#### Emergency telephone number

|                                   |                                                                       |
|-----------------------------------|-----------------------------------------------------------------------|
| Association / Organisation        | Hazrad (outside 24-hour emergency response provider)                  |
| Emergency telephone numbers       | 08 9418 4200 (24-hour)<br>— answered by Hazrad on AGent's behalf      |
| Other emergency telephone numbers | Poisons Information Centre<br>131 126 (Australia) / 0800 764 766 (NZ) |

### SECTION 2 Hazards identification

#### Classification of the substance or mixture

NOT classified as hazardous under the GHS criteria adopted by Safe Work Australia, and NOT a Dangerous Good under the ADG Code.

|                          |                                    |
|--------------------------|------------------------------------|
| Poisons Schedule (SUSMP) | Not Scheduled (SUSMP — not listed) |
|--------------------------|------------------------------------|

#### Classification

- Not classified as a hazardous chemical (GHS) — no hazard class allocated

#### Label elements

|                     |                                    |
|---------------------|------------------------------------|
| Hazard pictogram(s) | None allocated                     |
| Signal word         | None (not classified as hazardous) |

### Hazard statement(s)

- None allocated — not classified as a hazardous chemical.

### Supplementary statement(s)

Not Applicable

### Precautionary statement(s) Prevention

- P264 — Wash hands thoroughly after handling (good practice).
- P280 — Wear eye protection where dust is generated (precautionary).

### Precautionary statement(s) Response

- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing (precautionary).
- Not Applicable — no mandatory label response statements (non-hazardous).

### Precautionary statement(s) Storage

- P402+P404 — Store in a dry place, in a closed container. Keep below 50 °C.

### Precautionary statement(s) Disposal

- P501 — Dispose of contents/container in accordance with local, state and federal regulations.

### Other hazards

Decomposes on heating (>70 °C) emitting carbon dioxide. Reacts with acids liberating carbon dioxide (avoid mixing with acids in confined drains).

## SECTION 3 Composition / information on ingredients

### Substances

See section below for composition of Mixtures.

### Mixtures

| CAS No.  | % [weight] | Name               | Classification |
|----------|------------|--------------------|----------------|
| 144-55-8 | > 99       | Sodium bicarbonate | Not classified |

## SECTION 4 First aid measures

### Description of first aid measures

#### Eye Contact

Immediately flush eyes with plenty of water, holding eyelids open (also under the eyelids). If irritation persists, seek medical attention.

#### Skin Contact

Remove contaminated clothing and shoes. Wash affected area with soap and plenty of water. If irritation persists, seek medical attention.

#### Inhalation

Remove victim from exposure to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

#### Ingestion

Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If symptoms persist, seek medical attention. Contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766).

### Most important symptoms and effects, both acute and delayed

Low hazard. Dust may cause mild mechanical eye / skin / respiratory irritation. Ingestion of large amounts may cause GI irritation, nausea and vomiting.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766).

### First Aid facilities

Eye wash facilities and a safety shower must be available in any area where this product is handled.

## SECTION 5 Firefighting measures

### Extinguishing media

Non-flammable. Use extinguishing media appropriate to the surrounding fire.

### Special hazards arising from the substance or mixture

#### Fire Incompatibility

Decomposes on heating emitting carbon and sodium oxides.

### Advice for firefighters

#### Fire Fighting

Wear self-contained breathing apparatus (SCBA) where decomposition fumes are present.

### Fire / Explosion Hazard

Non-combustible solid. Carbon / sodium oxide fumes on strong heating.

|                     |                |
|---------------------|----------------|
| <b>HAZCHEM Code</b> | Not Applicable |
|---------------------|----------------|

## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

See Section 8 for personal protective equipment requirements.

Wear PPE to prevent skin / eye contact. Avoid breathing dust. See Section 8.

### Environmental precautions

Prevent product entering drains. Prevent mixture with acid in the sewer / drain (gas formation). If contamination of sewers / waterways occurs, advise local emergency services.

### Methods and material for containment and cleaning up

#### Minor Spills

Sweep / shovel up with dust-binding material or an industrial vacuum, avoiding dust. Transfer to a labelled container and dispose of promptly.

#### Major Spills

Contain and collect as above. Prevent run-off to waterways. Notify the Environmental Protection Authority if waterways are threatened.

## SECTION 7 Handling and storage

### Precautions for safe handling

#### Safe handling

Ensure an eye bath and safety shower are available. Avoid contact with eyes / skin; do not inhale dust. Observe good personal hygiene; wash thoroughly after handling.

#### Other information

Keep containers tightly closed when not in use. Store away from incompatible materials (see Section 10).

### Conditions for safe storage, including any incompatibilities

#### Suitable container

Store in a cool, dry, well-ventilated area below 50 °C. Keep containers tightly closed (protect from moisture). Store away from incompatible materials (see Section 10).

#### Storage incompatibility

Strong acids; strong oxidising agents. Store away from incompatible materials (see Section 10).

## SECTION 8 Exposure controls / personal protection

### Control parameters

#### Occupational Exposure Limits (OEL)

Reference: Safe Work Australia, "Workplace Exposure Limits for Airborne Contaminants" (April 2024) by Safe Work Australia.

| Source       | Ingredient                   | Material name                      | TWA                                                                  | STEL                         | Peak                         | Notes                                                                    |
|--------------|------------------------------|------------------------------------|----------------------------------------------------------------------|------------------------------|------------------------------|--------------------------------------------------------------------------|
| SWA WEL 2024 | Dust not otherwise specified | Sodium bicarbonate (nuisance dust) | 10 mg/m <sup>3</sup> (inspirable) / 3 mg/m <sup>3</sup> (respirable) | Not assigned in SWA WEL 2024 | Not assigned in SWA WEL 2024 | No specific WEL for sodium bicarbonate; control to dust (n.o.s.) limits. |

#### Emergency Limits

| Ingredient         | TEEL-1                    | TEEL-2                    | TEEL-3                    |
|--------------------|---------------------------|---------------------------|---------------------------|
| Sodium bicarbonate | Not established (DOE PAC) | Not established (DOE PAC) | Not established (DOE PAC) |
| Ingredient         | Original IDLH             | Revised IDLH              |                           |
| Sodium bicarbonate | Not established (NIOSH)   | Not established (NIOSH)   |                           |

#### MATERIAL DATA

No whole-mixture occupational exposure data are available; manage on a per-component basis (above).

#### Exposure controls

##### Appropriate engineering controls

Apply the hierarchy of controls (WHS Reg 36). Where elimination or substitution is not reasonably practicable: provide local exhaust ventilation at points of vapour / mist generation; use closed transfer systems where possible; ensure general ventilation is adequate to keep airborne concentrations below the applicable WEL. Document the risk assessment supporting the chosen control hierarchy.

#### Individual protection measures, such as personal protective equipment

##### Eye and face protection

Safety glasses with side shields (AS/NZS 1336 & 1337) as a minimum. Chemical goggles and a face shield (AS/NZS 1336 & 1337) where splash potential exists.

##### Skin protection

See Hand protection below.

##### Hands/feet protection

Wear protective gloves (rubber or PVC) and safety glasses with side shields / goggles where dust is generated (AS 2161, AS/NZS 1336 & 1337, AS 3765 / 2210). Use a P1 / P2 particulate respirator for dusty operations (AS/NZS 1715 & 1716).

##### Body protection

See Other protection below.

##### Other protection

Long-sleeved chemical-resistant protective clothing and apron (PVC or equivalent)

##### Respiratory protection

If a risk assessment indicates an inhalation risk exists, wear a half-face or full-face respirator with appropriate filter (selection per AS/NZS 1715; respirator per AS/NZS 1716). Specific cartridge / canister recommendation to be confirmed during respiratory protection risk assessment per AS/NZS 1715.

## SECTION 9 Physical and chemical properties

#### Information on basic physical and chemical properties

| Property                                     | Value                            |
|----------------------------------------------|----------------------------------|
| Appearance                                   | Solid — white crystalline powder |
| Physical state                               | Solid (crystalline powder)       |
| Odour                                        | Odourless                        |
| Odour threshold                              | No data available in source SDS  |
| pH (as supplied)                             | 8.3 (mildly alkaline)            |
| Melting point / freezing point (°C)          | 300 °C (decomposes)              |
| Initial boiling point and boiling range (°C) | Not applicable — decomposes      |

|                                       |                                                           |
|---------------------------------------|-----------------------------------------------------------|
| Flash point (°C)                      | Not applicable — non-combustible solid                    |
| Evaporation rate                      | Not applicable                                            |
| Flammability                          | Not flammable                                             |
| Upper Explosive Limit (%)             | Not applicable                                            |
| Lower Explosive Limit (%)             | Not applicable                                            |
| Vapour pressure (kPa)                 | Not applicable                                            |
| Solubility in water                   | 93 g/L at 20 °C                                           |
| Vapour density (Air = 1)              | Not applicable                                            |
| Relative density (Water = 1)          | 2.16 g/cm <sup>3</sup>                                    |
| Partition coefficient n-octanol/water | Not applicable — ionic                                    |
| Auto-ignition temperature (°C)        | Not applicable — non-combustible                          |
| Decomposition temperature (°C)        | Starts at ~70 °C                                          |
| Viscosity (cSt)                       | Not applicable — solid                                    |
| Molecular weight (g/mol)              | 84.01 g/mol                                               |
| Taste                                 | Saline / alkaline (do not taste in an industrial setting) |
| Explosive properties                  | None known                                                |
| Oxidising properties                  | None known                                                |
| Surface Tension (dyn/cm or mN/m)      | Not applicable                                            |
| Volatile Component (% vol)            | None                                                      |
| Gas group                             | Not applicable                                            |
| pH as a solution (1%)                 | Mildly alkaline (~8.3)                                    |
| VOC g/L                               | 0 g/L — inorganic solid; no VOC                           |

## SECTION 10 Stability and reactivity

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| <b>Reactivity</b>                         | Reacts with acids liberating carbon dioxide. See Section 7 / 10. |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.                     |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation will not occur.                         |
| <b>Conditions to avoid</b>                | Moisture; temperatures exceeding 50 °C; contact with acids.      |
| <b>Incompatible materials</b>             | See Section 7. Strong acids; strong oxidising agents.            |
| <b>Hazardous decomposition products</b>   | Oxides of carbon and sodium on strong heating.                   |

## SECTION 11 Toxicological information

### Information on toxicological effects

#### Inhaled

Dust may cause slight respiratory irritation at higher concentrations.

#### Ingestion

May cause GI irritation, nausea, vomiting and diarrhoea (large amounts).

#### Skin Contact

Repeated / prolonged contact may cause mechanical irritation or drying.

#### Eye

Dust may cause mechanical irritation.

#### Chronic

No component  $\geq 0.1\%$  is an IARC carcinogen. No specific chronic data in source SDS.

#### Per-ingredient toxicity

| Ingredient         | TOXICITY                                                        | IRRITATION                              |
|--------------------|-----------------------------------------------------------------|-----------------------------------------|
| Sodium bicarbonate | Oral LD50 (rat): 4220 mg/kg; Inhalation LC50 (rat): > 4.74 mg/L | Mild skin / eye irritation (mechanical) |

#### Hazard checklist (whole-product classification basis)

| Hazard endpoint                   | Classified | Hazard endpoint          | Classified |
|-----------------------------------|------------|--------------------------|------------|
| Acute Toxicity                    | —          | Carcinogenicity          | —          |
| Skin Irritation/Corrosion         | —          | Reproductive Toxicity    | —          |
| Serious Eye Damage/Irritation     | —          | STOT — Single Exposure   | —          |
| Respiratory or Skin Sensitisation | —          | STOT — Repeated Exposure | —          |
| Mutagenicity                      | —          | Aspiration Hazard        | —          |

Legend: ✓ = Data available to make classification; — = Data either not available or does not fill the criteria for classification.

#### Information on possible routes of exposure

Absorbed by inhalation of dust, ingestion, skin and / or eye contact.

#### Additional Information

|       |           |
|-------|-----------|
| RTECS | VZ0950000 |
|-------|-----------|

## SECTION 12 Ecological information

### Toxicity

| Ingredient         | Endpoint                                          | Test Duration | Species | Value                                     | Source    |
|--------------------|---------------------------------------------------|---------------|---------|-------------------------------------------|-----------|
| Sodium bicarbonate | LC50 (rainbow trout, <i>Oncorhynchus mykiss</i> ) | 96 h          | Fish    | 7700 mg/L (NOEC 2300 mg/L) — low toxicity | AGent SDS |
| Sodium bicarbonate | EC50 ( <i>Daphnia magna</i> )                     | 48 h          | Daphnia | 4100 mg/L (chronic NOEC > 576 mg/L, 21 d) | AGent SDS |

Environmental precaution: Prevent entry to drains, waterways and soak-aways. Notify the relevant Environmental Protection Authority if waterway contamination occurs.

#### Persistence and degradability

| Ingredient         | Persistence: Water / Soil                                                            | Persistence: Air                     |
|--------------------|--------------------------------------------------------------------------------------|--------------------------------------|
| Sodium bicarbonate | Not applicable in the OECD sense — inorganic salt; dissociates; naturally buffering. | Not applicable — non-volatile solid. |

**Bioaccumulative potential**

| Ingredient         | Bioaccumulation                                 |
|--------------------|-------------------------------------------------|
| Sodium bicarbonate | Not expected to bioaccumulate (inorganic salt). |

**Mobility in soil**

| Ingredient         | Mobility                     |
|--------------------|------------------------------|
| Sodium bicarbonate | Soluble and mobile in water. |

**Other adverse effects**

Low environmental hazard. Avoid uncontrolled discharge of large quantities.

**SECTION 13 Disposal considerations****Waste treatment methods****Product / Packaging disposal**

- Recycle wherever possible.
- Ensure waste disposal conforms to all relevant local, state and federal authority waste disposal regulations.
- Do NOT discharge into sewers or waterways.
- Empty containers should be returned via AGent's Closed Loop container return program where applicable.
- Whatever cannot be saved for recovery or recycling should be managed through an approved waste disposal facility.
- Dispose of in accordance with local, state and federal regulations. Recover / re-use where possible.

**SECTION 14 Transport information**

|                         |                                              |
|-------------------------|----------------------------------------------|
| <b>Labels Required</b>  | Not Applicable — not regulated for transport |
| <b>Marine Pollutant</b> | No                                           |
| <b>HAZCHEM Code</b>     | Not Applicable                               |

**Land transport (ADG)**

|                                     |                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------|
| <b>UN number</b>                    | Not Applicable — NON-DANGEROUS GOODS                                                   |
| <b>UN proper shipping name</b>      | Not Applicable — NON-DANGEROUS GOODS                                                   |
| <b>Transport hazard class(es)</b>   | NON-DANGEROUS GOODS — not classified under the ADG Code for transport by road or rail. |
| <b>Packing group</b>                | Not Applicable                                                                         |
| <b>Environmental hazard</b>         | Not Applicable                                                                         |
| <b>Special precautions for user</b> | Not Applicable — not regulated for transport.                                          |
| <b>ERG / EIP number</b>             | Not assigned — NON-DANGEROUS GOODS.                                                    |

**Air transport (ICAO-IATA / DGR)**

|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN number</b>                                | Not Applicable — NON-DANGEROUS GOODS                                                                                                  |
| <b>UN proper shipping name (lowercase)</b>      | Not Applicable — NON-DANGEROUS GOODS                                                                                                  |
| <b>ICAO/IATA Class</b>                          | ERG Code: Not Applicable                                                                                                              |
| <b>Packing group</b>                            | Not Applicable                                                                                                                        |
| <b>Environmental hazard</b>                     | Not Applicable                                                                                                                        |
| <b>Special provisions</b>                       | Not Applicable — not regulated for transport by air.                                                                                  |
| <b>Cargo Only Packing Instructions</b>          | Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification. |
| <b>Cargo Only Max Qty/Pack</b>                  | Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification. |
| <b>Passenger and Cargo Packing Instructions</b> | Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification. |
| <b>Passenger and Cargo Max Qty/Pack</b>         | Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification. |

**Sea transport (IMDG-Code / GGVSee)**

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| <b>UN number</b>               | Not Applicable — NON-DANGEROUS GOODS                 |
| <b>UN proper shipping name</b> | Not Applicable — NON-DANGEROUS GOODS                 |
| <b>IMDG Class</b>              | NON-DANGEROUS GOODS                                  |
| <b>Packing group</b>           | Not Applicable                                       |
| <b>Environmental hazard</b>    | Not a Marine Pollutant                               |
| <b>EMS Number</b>              | Not Applicable                                       |
| <b>Special provisions</b>      | Not Applicable — not regulated for transport by sea. |

**Transport in bulk according to MARPOL Annex II and the IBC Code**

Not Applicable — AGent does not transport this product in bulk by sea.

**Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code**

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| <b>Product name</b>   | <b>Group</b>                                                           |
| AquaGUARD Balance One | Not Applicable — AGent does not transport this product in bulk by sea. |

**Transport in bulk in accordance with the IGC Code**

| Product name          | Ship Type                                                              |
|-----------------------|------------------------------------------------------------------------|
| AquaGUARD Balance One | Not Applicable — AGent does not transport this product in bulk by sea. |

**SECTION 15 Regulatory information****Safety, health and environmental regulations / legislation specific for the substance or mixture**

SODIUM BICARBONATE (CAS 144-55-8) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Not classified as a hazardous chemical
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not listed
- Australian Inventory of Industrial Chemicals (AIIC): Listed
- IARC Group classification: Not classified
- Schedule 10 of the model WHS Regulations (prohibited / restricted carcinogens): Not listed
- Schedule 14 of the model WHS Regulations (health monitoring trigger): Not listed

**Additional Regulatory Information**

Subject to: Work Health and Safety (General) Regulations 2022 (WA); "Workplace Exposure Limits for Airborne Contaminants" (April 2024) by Safe Work Australia; Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code) current edition.

**National Inventory Status**

| Country / Inventory            | Listed                                              |
|--------------------------------|-----------------------------------------------------|
| Australia (AIIC / AICS)        | Yes                                                 |
| Canada (DSL)                   | Not applicable — AGent does not export this product |
| Canada (NDSL)                  | Not applicable — AGent does not export this product |
| China (IECSC)                  | Not applicable — AGent does not export this product |
| Europe (EINECS / ELINCS / NLP) | Not applicable — AGent does not export this product |
| Japan (ENCS)                   | Not applicable — AGent does not export this product |
| Korea (KECI)                   | Not applicable — AGent does not export this product |
| New Zealand (NZIoC)            | Not applicable — AGent does not export this product |
| Philippines (PICCS)            | Not applicable — AGent does not export this product |
| USA (TSCA)                     | Not applicable — AGent does not export this product |
| Taiwan (TCSI)                  | Not applicable — AGent does not export this product |
| Mexico (INSQ)                  | Not applicable — AGent does not export this product |
| Vietnam (NCI)                  | Not applicable — AGent does not export this product |
| Russia (FBEPH)                 | Not applicable — AGent does not export this product |

Legend: Yes = All CAS declared ingredients are on the inventory; No = One or more CAS listed ingredients are not on the inventory (may be exempt or require registration).

**SECTION 16 Other information**

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| <b>Revision Date</b> | July 2026                                                 |
| <b>Initial Date</b>  | June 2026 (AGent 2026 format; AquaGUARD Pool & Spa brand) |

## SDS Version Summary

| Version                                                          | Date of Update | Sections Updated                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026.02 (AGent 2026 format)                                      | July 2026      | Reconciled with the Sodium Bicarbonate SDS (same chemical product — shared product_group "sodium-bicarbonate"). Chemical content (§2–§15) copied verbatim from that file, which carries the verified June/July 2026 corrections. Blocks changed in this file: ecotox, tox. Per-field diff is in the sds-data git history. |
| 2026.01 (AGent 2026 format; earlier: V2.3 (legacy AGent format)) | June 2026      | Rebranded clone of the AGent Sodium Bicarbonate SDS (>99%). NON-HAZARDOUS CHEMICAL; NON-DANGEROUS GOODS. (Superseded by the reconciliation above.)                                                                                                                                                                        |

## Other information

This SDS is intended as a hazard communication tool to assist in workplace Risk Assessment. It is not an Australian Standard or a definitive document.

## Definitions and abbreviations

| Abbreviation | Definition                                                            |
|--------------|-----------------------------------------------------------------------|
| ADG          | Australian Dangerous Goods Code                                       |
| AICS / AIIC  | Australian Inventory of Industrial Chemicals (formerly AICS)          |
| AUH          | Additional / Australian Hazard statements                             |
| BCF          | Bioconcentration Factor                                               |
| BEI          | Biological Exposure Index                                             |
| CAS          | Chemical Abstracts Service Registry Number                            |
| DNEL         | Derived No Effect Level                                               |
| DSEN         | Dermal sensitiser (SWA WEL 2024 notation)                             |
| EC50         | Effect Concentration causing effect in 50% of test population         |
| EMS          | IMDG Emergency Schedule                                               |
| ERG / EIP    | Emergency Response Guide / Emergency Information Panel (SAA/SNZ HB76) |
| ES           | Exposure Standard (legacy term — now WEL)                             |
| GHS          | Globally Harmonised System of Classification and Labelling            |
| HCIS         | Hazardous Chemical Information System (Safe Work Australia)           |
| IARC         | International Agency for Research on Cancer                           |
| IDLH         | Immediately Dangerous to Life or Health                               |
| LC50         | Lethal Concentration causing death in 50% of test population          |
| LD50         | Lethal Dose causing death in 50% of test population                   |
| LOAEL        | Lowest Observed Adverse Effect Level                                  |
| NOAEL        | No Observed Adverse Effect Level                                      |
| NOEC         | No Observed Effect Concentration                                      |
| OEL          | Occupational Exposure Limit                                           |
| OTO          | Ototoxic (SWA WEL 2024 notation)                                      |
| PC-STEL      | Permissible Concentration — Short Term Exposure Limit                 |
| PC-TWA       | Permissible Concentration — Time Weighted Average                     |
| PNEC         | Predicted No Effect Concentration                                     |
| RSEN         | Respiratory sensitiser (SWA WEL 2024 notation)                        |
| SDS          | Safety Data Sheet                                                     |
| Sk           | Skin notation — absorption through the skin a significant route       |
| STEL         | Short Term Exposure Limit (15 min TWA)                                |
| SUSMP        | Standard for the Uniform Scheduling of Medicines and Poisons          |
| SWA          | Safe Work Australia                                                   |
| TEEL         | Temporary Emergency Exposure Limit                                    |
| TLV          | Threshold Limit Value                                                 |
| TWA          | Time Weighted Average (8 hr / 40 hr week)                             |
| WEL          | Workplace Exposure Limit (Safe Work Australia, April 2024)            |

|     |                        |
|-----|------------------------|
| WHS | Work Health and Safety |
|-----|------------------------|

#### **Disclaimer**

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***end of SDS***