



## Trisodium Phosphate Dodecahydrate

AGent

AGent SDS: Trisodium Phosphate Dodecahydrate [2026.01]

Version No: 2026.01

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: 1

Issue Date: June 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                  | Trisodium Phosphate Dodecahydrate                                                             |
| Chemical Name                 | Trisodium phosphate dodecahydrate                                                             |
| Synonyms                      | TSP; sodium orthophosphate; trisodium orthophosphate dodecahydrate; sodium phosphate tribasic |
| Proper shipping name          | Not Applicable — NON-DANGEROUS GOODS                                                          |
| Chemical formula              | $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$                                           |
| Other means of identification | Trisodium Phosphate Dodecahydrate [2026.01]                                                   |

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

|                      |                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------|
| Identified uses      | Heavy-duty cleaner / degreaser; detergent builder; water softener; pH buffer; metal cleaning. |
| 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

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS for transport by road or rail. NOT a Scheduled Poison. Classified under the WHS Regulations.

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

#### Classification

- Skin Corrosion/Irritation Category 2 — H315
- Serious Eye Damage/Eye Irritation Category 2A — H319
- Specific Target Organ Toxicity (Single Exposure) Category 3 (respiratory) — H335

**Label elements**

|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| <b>Hazard pictogram(s)</b> |  |
| <b>Signal word</b>         | Warning                                                                           |

**Hazard statement(s)**

- H315 — Causes skin irritation.
- H319 — Causes serious eye irritation.
- H335 — May cause respiratory irritation.

**Supplementary statement(s)**

Not Applicable

**Precautionary statement(s) Prevention**

- P261 — Avoid breathing dust.
- P264 — Wash hands thoroughly after handling.
- P271 — Use only outdoors or in a well-ventilated area.
- P280 — Wear eye protection / face protection.

**Precautionary statement(s) Response**

- P302+P352 — IF ON SKIN: Wash with plenty of water.
- P321 — Specific treatment (see Section 4).
- P332+P313 — If skin irritation occurs: Get medical advice / attention.
- P362+P364 — Take off contaminated clothing and wash it before reuse.
- P304+P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 — Call a POISON CENTRE / doctor if you feel unwell.
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P337+P313 — If eye irritation persists: Get medical advice / attention.

**Precautionary statement(s) Storage**

- P402+P404 — Store in a dry place, in a closed container.

**Precautionary statement(s) Disposal**

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

**Other hazards**

Decomposes on strong heating emitting sodium / phosphorus oxides. Mildly hygroscopic.

**SECTION 3 Composition / information on ingredients****Substances**

See section below for composition of Mixtures.

**Mixtures**

| CAS No.    | % [weight] | Name                              | Classification                                               |
|------------|------------|-----------------------------------|--------------------------------------------------------------|
| 10101-89-0 | ≤ 100      | Trisodium phosphate dodecahydrate | Skin Irrit. 2 (H315); Eye Irrit. 2A (H319); STOT SE 3 (H335) |

**SECTION 4 First aid measures****Description of first aid measures****Eye Contact**

Check for and remove any contact lenses. Immediately rinse thoroughly with plenty of running water for at least 15 minutes, keeping eyelids open. If irritation persists, seek medical advice.

**Skin Contact**

Remove contaminated clothing and wash affected areas with soap and running water. If irritation occurs, seek medical advice. Launder clothing before reuse.

### Inhalation

Move person into fresh air. If not breathing, give artificial respiration. If rapid recovery does not occur, seek medical advice.

### Ingestion

Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766).

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

Low hazard. May cause mild mechanical irritation to eyes / skin / respiratory tract. Large ingestion may cause GI discomfort (nausea, vomiting, diarrhoea).

### 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-combustible. Use extinguishing media suitable for the surrounding fire.

### Special hazards arising from the substance or mixture

#### Fire Incompatibility

Sodium and phosphorus oxides may form on heating to decomposition.

### Advice for firefighters

#### Fire Fighting

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

### Fire / Explosion Hazard

Non-combustible solid. Sodium / phosphorus 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.  
Avoid dust formation. Do not inhale dust. Wear basic PPE per Section 8.

### Environmental precautions

Prevent product entering drains. If contamination of sewers / waterways occurs, advise local emergency services.

### Methods and material for containment and cleaning up

#### Minor Spills

Slippery when spilt. Sweep / vacuum up (or wet-sweep), avoiding dust. Transfer to a labelled container for disposal. Small residues may be flushed to sewer with plenty of water (where permitted).

#### 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

Provide exhaust ventilation where dust forms. Avoid contact with skin and eyes; avoid inhalation of dust. Observe good personal hygiene; wash hands before eating.

#### Other information

Keep containers closed when not in use; check regularly for leaks. Store away from incompatible materials (see Section 10).

## Conditions for safe storage, including any incompatibilities

### Suitable container

Store in a cool, dry, well-ventilated place. Keep containers closed (mildly hygroscopic). Store away from incompatible materials (see Section 10).

### Storage incompatibility

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 hexametaphosphate (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 hexametaphosphate; control to dust (n.o.s.) limits. |

### Emergency Limits

| Ingredient               | TEEL-1                    | TEEL-2                    | TEEL-3                    |
|--------------------------|---------------------------|---------------------------|---------------------------|
| Sodium hexametaphosphate | Not established (DOE PAC) | Not established (DOE PAC) | Not established (DOE PAC) |
| Ingredient               | Original IDLH             |                           | Revised IDLH              |
| Sodium hexametaphosphate | 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 and clean body-covering clothing (AS 2161, AS/NZS 2210). Chemical safety goggles / safety glasses with side shields (AS/NZS 1336 & 1337). Use a P1 / N95 particulate respirator where dust is generated (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 powder / granule / pellets |
| Physical state                               | Solid                                    |
| Odour                                        | Odourless                                |
| Odour threshold                              | No data available in source SDS          |
| pH (as supplied)                             | ~12 (1% solution; strongly alkaline)     |
| Melting point / freezing point (°C)          | 73.4 °C (loses water of crystallisation) |
| Initial boiling point and boiling range (°C) | No data available — 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                          | Soluble / miscible in water              |
| Vapour density (Air = 1)                     | Not applicable                           |
| Relative density (Water = 1)                 | No data available in source SDS          |
| Partition coefficient n-octanol/water        | Not applicable — ionic                   |
| Auto-ignition temperature (°C)               | Not applicable — non-combustible         |
| Decomposition temperature (°C)               | No data available in source SDS          |
| Viscosity (cSt)                              | Not applicable — solid                   |
| Molecular weight (g/mol)                     | 380.1 g/mol (dodecahydrate)              |
| Taste                                        | Not applicable — do not taste            |
| 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%)                        | Strongly alkaline (~12)                  |
| VOC g/L                                      | 0 g/L — inorganic phosphate; no VOC      |

## SECTION 10 Stability and reactivity

|                                           |                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------|
| <b>Reactivity</b>                         | No hazardous reactivity under normal conditions. See Section 10.      |
| <b>Chemical stability</b>                 | Stable under normal conditions of use, storage and temperature.       |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerisation will not occur.                              |
| <b>Conditions to avoid</b>                | Sources of ignition; direct sunlight; extreme temperatures; moisture. |
| <b>Incompatible materials</b>             | See Section 7. Strong oxidising agents.                               |
| <b>Hazardous decomposition products</b>   | Oxides of sodium and phosphorus on strong heating.                    |

## SECTION 11 Toxicological information

### Information on toxicological effects

#### Inhaled

Dust may cause respiratory irritation.

#### Ingestion

Large quantities may irritate the GI tract (nausea, vomiting, diarrhoea).

#### Skin Contact

May cause mild irritation (no irritation in OECD 404 test).

#### Eye

Causes serious eye irritation; strongly alkaline solutions may cause caustic burns / corneal damage.

#### Chronic

No component  $\geq 0.1\%$  is an IARC carcinogen. Not a skin sensitiser (OECD 429).

#### Per-ingredient toxicity

| Ingredient               | TOXICITY                      | IRRITATION                                                                |
|--------------------------|-------------------------------|---------------------------------------------------------------------------|
| Sodium hexametaphosphate | Oral LD50 (rat): > 3000 mg/kg | Eye — serious irritant (Eye Irrit. 2A); skin — non-irritant (rabbit, 4 h) |

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

| Hazard endpoint                   | Classified                                  | Hazard endpoint          | Classified                                             |
|-----------------------------------|---------------------------------------------|--------------------------|--------------------------------------------------------|
| Acute Toxicity                    | —                                           | Carcinogenicity          | —                                                      |
| Skin Irritation/Corrosion         | ✓ Skin Irritation Category 2 (H315)         | Reproductive Toxicity    | —                                                      |
| Serious Eye Damage/Irritation     | ✓ Serious Eye Irritation Category 2A (H319) | STOT — Single Exposure   | ✓ STOT Single Exposure Category 3 — respiratory (H335) |
| 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

May be absorbed by ingestion, inhalation of dust, eye and skin contact.

#### Additional Information

|       |           |
|-------|-----------|
| RTECS | OY3675000 |
|-------|-----------|

## SECTION 12 Ecological information

### Toxicity

| Ingredient               | Endpoint                                          | Test Duration | Species         | Value                                                  | Source    |
|--------------------------|---------------------------------------------------|---------------|-----------------|--------------------------------------------------------|-----------|
| Sodium hexametaphosphate | LC50 (rainbow trout, <i>Oncorhynchus mykiss</i> ) | 96 h          | Fish            | > 100 mg/L (low toxicity)                              | AGent SDS |
| Sodium hexametaphosphate | EC50 ( <i>Daphnia magna</i> ) / algae             | 48 h / 72 h   | Daphnia / algae | EC50 > 485 mg/L ( <i>Daphnia</i> ); > 100 mg/L (algae) | 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 hexametaphosphate | Hydrolyses to orthophosphate in water. | Not applicable — non-volatile solid. |

#### Bioaccumulative potential

| Ingredient               | Bioaccumulation                                      |
|--------------------------|------------------------------------------------------|
| Sodium hexametaphosphate | Not expected to bioaccumulate (inorganic phosphate). |

#### Mobility in soil

| Ingredient               | Mobility                                                     |
|--------------------------|--------------------------------------------------------------|
| Sodium hexametaphosphate | Soluble and mobile in water; phosphate is a mobile nutrient. |

#### Other adverse effects

Low toxicity; phosphate content may contribute to nutrient (eutrophication) load. Avoid large uncontrolled discharges.

### 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.

**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>                                                           |
| Trisodium Phosphate Dodecahydrate | 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                                                             |
|-----------------------------------|-----------------------------------------------------------------------|
| Trisodium Phosphate Dodecahydrate | Not Applicable — AGen 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**

TRISODIUM PHOSPHATE DODECAHYDRATE (CAS 10101-89-0) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Skin Irrit. 2 (H315); Eye Irrit. 2A (H319); STOT SE 3 (H335)
- 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 — AGen does not export this product |
| Canada (NDSL)                  | Not applicable — AGen does not export this product |
| China (IECSC)                  | Not applicable — AGen does not export this product |
| Europe (EINECS / ELINCS / NLP) | Not applicable — AGen does not export this product |
| Japan (ENCS)                   | Not applicable — AGen does not export this product |
| Korea (KECI)                   | Not applicable — AGen does not export this product |
| New Zealand (NZIoC)            | Not applicable — AGen does not export this product |
| Philippines (PICCS)            | Not applicable — AGen does not export this product |
| USA (TSCA)                     | Not applicable — AGen does not export this product |
| Taiwan (TCSI)                  | Not applicable — AGen does not export this product |
| Mexico (INSQ)                  | Not applicable — AGen does not export this product |
| Vietnam (NCI)                  | Not applicable — AGen does not export this product |
| Russia (FBEPH)                 | Not applicable — AGen 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> | June 2026                     |
| <b>Initial Date</b>  | June 2026 (AGent 2026 format) |

## SDS Version Summary

| Version                                                       | Date of Update | Sections Updated                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026.01 (AGent 2026 format)                                   | June 2026      | Reformatted from the legacy V1.2 document (older Material-Safety-Data-Sheet-era format) to AGent 2026 SDS layout. §8 updated to SWA WEL 2024 (dust n.o.s.); removed superseded legacy abbreviations and exposure-standard references; AICS→AIIC. Classification per legacy (Skin Irrit 2 + Eye Irrit 2A + STOT SE3; NON-DG; not scheduled). |
| V1.2 (legacy AGent format — older Material Safety Data Sheet) | Pre-2026       | Legacy AGent SDS. Declared Skin Irrit 2 + Eye Irrit 2A + STOT SE3 (Warning); NON-DANGEROUS GOODS.                                                                                                                                                                                                                                           |

## 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-STEEL     | 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***