



## Calcium Hypochlorite Tablets

AGent

AGent SDS: Calcium Hypochlorite Tablets [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: 3

Issue Date: June 2026

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AGENT.GHS.AUS.EN.E

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

#### Product Identifier

|                               |                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------|
| Product name                  | Calcium Hypochlorite Tablets                                                         |
| Chemical Name                 | Calcium hypochlorite (hydrated, tablet)                                              |
| Synonyms                      | Dry chlorine; calcium hypochlorite hydrated; chlorine tablets; chlorinated lime      |
| Proper shipping name          | CALCIUM HYPOCHLORITE, HYDRATED (with not less than 5.5% but not more than 16% water) |
| Chemical formula              | $\text{Ca}(\text{OCl})_2$ (tablet, > 60% available chlorine basis)                   |
| Other means of identification | Calcium Hypochlorite Tablets [2026.01]                                               |

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

|                      |                                                                                          |
|----------------------|------------------------------------------------------------------------------------------|
| Identified uses      | Swimming pool sanitiser, algaecide, bactericide; water purification and oxidising agent. |
| Uses advised against | Do NOT mix with other chemicals or acids. Not for domestic / unprotected consumer use.   |

#### 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. DANGEROUS GOODS. Scheduled Poison S6. Classified under the WHS Regulations and the ADG Code — Class 5.1 Oxidising Substance; environmentally hazardous.

|                          |                         |
|--------------------------|-------------------------|
| Poisons Schedule (SUSMP) | Schedule 6 (S6) — SUSMP |
|--------------------------|-------------------------|

#### Classification

- Oxidising Solids Category 2 — H272
- Acute Toxicity (Oral) Category 4 — H302

- Skin Corrosion/Irritation Category 1B — H314
- Hazardous to the Aquatic Environment (Acute) Category 1 — H400

#### Label elements

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

#### Hazard statement(s)

- H272 — May intensify fire; oxidiser.
- H302 — Harmful if swallowed.
- H314 — Causes severe skin burns and eye damage.
- H400 — Very toxic to aquatic life.

#### Supplementary statement(s)

EUH031 — Contact with acids liberates toxic gas (chlorine).

#### Precautionary statement(s) Prevention

- P210 — Keep away from heat.
- P220 — Keep / store away from clothing and combustible materials.
- P221 — Take any precaution to avoid mixing with combustibles.
- P260 — Do not breathe dust or mist.
- P264 — Wash skin thoroughly after handling.
- P270 — Do not eat, drink or smoke when using this product.
- P273 — Avoid release to the environment.
- P280 — Wear protective gloves / protective clothing / eye protection / face protection.

#### Precautionary statement(s) Response

- P301+P330+P331 — IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P301+P312 — Call a POISON CENTRE / doctor if you feel unwell.
- P303+P361+P353 — IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P363 — Wash contaminated clothing before reuse.
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P310 — Immediately call a POISON CENTRE / doctor.
- P370+P378 — In case of fire: Use dry sand, dry chemical or alcohol-resistant foam.
- P391 — Collect spillage.

#### Precautionary statement(s) Storage

- P405 — Store locked up. Store in a cool, dry, well-ventilated place away from heat, combustibles and acids.

#### Precautionary statement(s) Disposal

- P501 — Dispose of contents/container to an approved waste disposal plant.

#### Other hazards

Contact with acids liberates toxic chlorine gas. Generates heat with small amounts of water.

### SECTION 3 Composition / information on ingredients

#### Substances

See section below for composition of Mixtures.

#### Mixtures

| CAS No.   | % [weight]                            | Name                        | Classification                                                                       |
|-----------|---------------------------------------|-----------------------------|--------------------------------------------------------------------------------------|
| 7778-54-3 | > 60                                  | Calcium hypochlorite        | Ox. Sol. 2 (H272); Acute Tox. 4 (H302); Skin Corr. 1B (H314); Aquatic Acute 1 (H400) |
| 7732-18-5 | Balance (water of hydration / inerts) | Water and inert ingredients | Not classified                                                                       |

## 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. Consult a doctor.

#### Skin Contact

Remove contaminated clothing and wash affected areas with soap and water. Consult a doctor. Launder clothing before reuse.

#### Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

#### Ingestion

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

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

Corrosive — causes severe skin and eye burns. Inhalation of dust / mist or liberated chlorine causes burning of the respiratory tract; high concentration may cause pulmonary oedema. Ingestion causes burns to the mouth, throat and digestive tract.

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

Treat symptomatically. Corrosive injury management; monitor for delayed pulmonary oedema after chlorine inhalation. 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

Water fog (or fine water spray), foam, dry agent (carbon dioxide, dry chemical powder). Flood with water to keep cool — oxidiser supports combustion.

### Special hazards arising from the substance or mixture

#### Fire Incompatibility

Not combustible but a strong oxidiser — intensifies fire. Decomposes emitting chlorine and oxygen (an accelerant).

#### Advice for firefighters

#### Fire Fighting

Wear self-contained breathing apparatus (SCBA) and full protective clothing. Cool fire-exposed containers from a protected position. Do NOT allow fire-fighting water to reach waterways.

#### Fire / Explosion Hazard

Class 5.1 Oxidising Substance. Accelerates burning of combustibles. Decomposes releasing chlorine and oxygen.

|              |    |
|--------------|----|
| HAZCHEM Code | 1W |
|--------------|----|

## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

See Section 8 for personal protective equipment requirements.

Wear respiratory protection. Avoid dust formation and breathing dust / vapours / gas. Ensure adequate ventilation. Evacuate non-essential personnel.

### Environmental precautions

Very toxic to aquatic life — do not let product enter drains, waterways or sewers. If contamination occurs, advise local emergency services. See Section 12.

## Methods and material for containment and cleaning up

### Minor Spills

Sweep up using clean, non-sparking tools into a clean container for disposal per Section 13. Do NOT flush with water. Do NOT return spilled product to the original container. Keep away from combustibles and acids.

### Major Spills

Clear and isolate the area; move upwind. Wear SCBA and full PPE. Collect with non-sparking equipment. Do NOT use water on the spilled solid; do NOT contaminate with combustibles or acids. Notify the Environmental Protection Authority.

## SECTION 7 Handling and storage

### Precautions for safe handling

#### Safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Keep away from heat and ignition sources — no smoking. Do NOT mix with other chemicals. Do NOT add water to the product — add the product to water. Use only clean utensils.

#### Other information

Take precautions against static discharge. Provide exhaust ventilation where dust is formed. Keep dry.

### Conditions for safe storage, including any incompatibilities

#### Suitable container

Store in the original container, tightly closed, in a cool, dry, well-ventilated place out of direct sunlight. Keep dry — never allow contact with water during storage.

#### Storage incompatibility

Incompatible with chloroisocyanurates, ammonium nitrate, acids, organic and combustible materials, reducing agents, ammonia and nitrogen compounds, aluminium, iron, lead, magnesium and zinc. Store away from heat / ignition sources and acids. Segregate per ADG Code segregation rules."

## 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 | Chlorine (liberated on contact with acids / moisture) | Chlorine (CAS 7782-50-5)             | Not assigned (peak limitation applies) | Not assigned in SWA WEL 2024 | 1 ppm (2.9 mg/m <sup>3</sup> ) — peak limitation | SWA WEL 2024 chlorine Peak Limitation 1 ppm.                  |
| SWA WEL 2024 | Calcium hypochlorite                                  | Calcium hypochlorite (CAS 7778-54-3) | Not assigned in SWA WEL 2024           | Not assigned in SWA WEL 2024 | Not assigned in SWA WEL 2024                     | No workplace exposure limit assigned to calcium hypochlorite. |

### Emergency Limits

| Ingredient           | TEEL-1                    | TEEL-2                    | TEEL-3                    |
|----------------------|---------------------------|---------------------------|---------------------------|
| Calcium hypochlorite | Not established (DOE PAC) | Not established (DOE PAC) | Not established (DOE PAC) |
| Ingredient           | Original IDLH             |                           | Revised IDLH              |
| Calcium hypochlorite | 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 chemical-resistant gloves (PVC / neoprene, per AS/NZS 2161) and protective clothing. Inspect gloves before use; dispose of contaminated gloves and wash hands. Face shield and safety glasses / goggles; P3 / N100 respirator where dust risk exists.

#### 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                                   | Granular solid — tablet, white                 |
| Physical state                               | Solid (tablet)                                 |
| Odour                                        | Chlorine                                       |
| Odour threshold                              | No data available in source SDS                |
| pH (as supplied)                             | 11.6 – 12.0 @ 10% solution                     |
| Melting point / freezing point (°C)          | 100 °C (lit.)                                  |
| Initial boiling point and boiling range (°C) | Not applicable — decomposes before boiling     |
| Flash point (°C)                             | Not applicable — non-combustible oxidiser      |
| Evaporation rate                             | Not applicable — solid                         |
| Flammability                                 | Not flammable (oxidiser — supports combustion) |
| Upper Explosive Limit (%)                    | Not applicable                                 |
| Lower Explosive Limit (%)                    | Not applicable                                 |
| Vapour pressure (kPa)                        | Not applicable — solid                         |
| Solubility in water                          | 180 g/L @ 20 °C (reacts, liberating chlorine)  |
| Vapour density (Air = 1)                     | Not applicable — solid                         |
| Relative density (Water = 1)                 | 2.35 g/cm <sup>3</sup> @ 20 °C                 |
| Partition coefficient n-octanol/water        | Not applicable — inorganic salt                |
| Auto-ignition temperature (°C)               | Not applicable — non-combustible oxidiser      |
| Decomposition temperature (°C)               | Approx. 180 °C                                 |
| Viscosity (cSt)                              | Not applicable — solid                         |
| Molecular weight (g/mol)                     | 142.98 g/mol (calcium hypochlorite)            |

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Taste                            | Not applicable — do not taste                                         |
| Explosive properties             | None — but a strong oxidiser; fire / explosion risk with combustibles |
| Oxidising properties             | Oxidising solid (Category 2) — H272                                   |
| Surface Tension (dyn/cm or mN/m) | Not applicable — solid                                                |
| Volatile Component (% vol)       | Not applicable — solid                                                |
| Gas group                        | Not applicable                                                        |
| pH as a solution (1%)            | Approximately 10.8 (1% solution)                                      |
| VOC g/L                          | 0 g/L — inorganic solid; no VOC                                       |

## SECTION 10 Stability and reactivity

|                                           |                                                                                                                                                                            |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | Strong oxidiser. Reacts with water liberating heat and toxic chlorine gas. See Section 7.                                                                                  |
| <b>Chemical stability</b>                 | Stable under normal dry storage conditions.                                                                                                                                |
| <b>Possibility of hazardous reactions</b> | Reacts with acids, ammonia, urea, amines, organics and combustibles — may initiate hazardous decomposition, fire or explosion. Generates heat with small amounts of water. |
| <b>Conditions to avoid</b>                | Moisture; poor ventilation; contamination; excessive heat; sparks; open flames; ignition sources.                                                                          |
| <b>Incompatible materials</b>             | See Section 7. Acids; chloroisocyanurates; ammonium nitrate; organics; combustibles; reducing agents; ammonia; reactive metals.                                            |
| <b>Hazardous decomposition products</b>   | See Section 5. Chlorine, oxygen and chlorine monoxide at higher temperatures.                                                                                              |

## SECTION 11 Toxicological information

### Information on toxicological effects

#### Inhaled

Corrosive to the respiratory tract. Dust / mist and liberated chlorine cause burning, coughing, wheezing; high concentrations may cause pulmonary oedema.

#### Ingestion

Causes burns to the mouth, throat and digestive tract; severe exposure may be fatal.

#### Skin Contact

Corrosive — causes severe skin burns (H314).

#### Eye

Corrosive — causes serious eye damage / burns; may cause permanent eye damage.

#### Chronic

No specific chronic-effect data identified in the source SDS. Manage on the corrosive / oxidiser basis above.

#### Per-ingredient toxicity

| Ingredient           | TOXICITY                   | IRRITATION                                     |
|----------------------|----------------------------|------------------------------------------------|
| Calcium hypochlorite | Oral LD50 (rat): 850 mg/kg | Corrosive (Skin Corr. 1B / serious eye damage) |
| Water / inerts       | Not applicable             | Not applicable                                 |

#### 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 ingestion and inhalation; corrosive on skin and eye contact.

#### Additional Information

|       |           |
|-------|-----------|
| RTECS | NH3485000 |
|-------|-----------|

## SECTION 12 Ecological information

### Toxicity

| Ingredient           | Endpoint | Test Duration | Species                        | Value      | Source    |
|----------------------|----------|---------------|--------------------------------|------------|-----------|
| Calcium hypochlorite | LC50     | 96 hr         | Lepomis macrochirus (Bluegill) | 0.057 mg/L | AGent SDS |
| Calcium hypochlorite | EC50     | 48 hr         | Daphnia magna                  | 0.067 mg/L | 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                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Calcium hypochlorite | Not applicable in the OECD biodegradation sense — inorganic oxidiser. Hydrolyses / reacts in water to hypochlorite and chloride; oxidising action dissipates over time. | Not applicable — non-volatile solid. |

### Bioaccumulative potential

| Ingredient           | Bioaccumulation                                          |
|----------------------|----------------------------------------------------------|
| Calcium hypochlorite | Not expected to bioaccumulate (reactive inorganic salt). |

### Mobility in soil

| Ingredient           | Mobility                                                                                              |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Calcium hypochlorite | Soluble and mobile in water but reactive — oxidising action and chloride formation limit persistence. |

### Other adverse effects

Very toxic to aquatic life (H400). Avoid all uncontrolled discharge to waterways — strongly oxidising and toxic at low concentrations.

## 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.
- Untreated waste calcium hypochlorite must NEVER be discharged to sewers or surface water. Following decontamination, secure landfill may be acceptable — contact a specialist disposer.

**SECTION 14 Transport information**

|                         |                                                   |
|-------------------------|---------------------------------------------------|
| <b>Labels Required</b>  | Class 5.1 (Oxidising Agent) — see ADG Table 3.2.3 |
| <b>Marine Pollutant</b> | Yes                                               |
| <b>HAZCHEM Code</b>     | 1W                                                |

**Land transport (ADG)**

|                                     |                                                                                                                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN number</b>                    | 2880                                                                                                                                                                                     |
| <b>UN proper shipping name</b>      | CALCIUM HYPOCHLORITE, HYDRATED (with not less than 5.5% but not more than 16% water)                                                                                                     |
| <b>Transport hazard class(es)</b>   | Class 5.1 (Oxidising Substance); Subsidiary Hazard: Not Applicable                                                                                                                       |
| <b>Packing group</b>                | II                                                                                                                                                                                       |
| <b>Environmental hazard</b>         | Environmentally hazardous (very toxic to aquatic life)                                                                                                                                   |
| <b>Special precautions for user</b> | Special provisions per ADG Table 3.2.3 (UN 2880 PG II) col 6: 314 and 322. Limited quantity (col 7a): 1 kg. Packaging Instruction P002 (col 8) with PP85; IBC08 (col 8b) with B2/B4/B13. |
| <b>ERG / EIP number</b>             | ANZ-ERG 2024 Guide 140 (Oxidisers).                                                                                                                                                      |

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

|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>UN number</b>                                | 2880                                                                                                                                  |
| <b>UN proper shipping name (lowercase)</b>      | Calcium hypochlorite, hydrated                                                                                                        |
| <b>ICAO/IATA Class</b>                          | Class 5.1; ERG Code: Not Applicable — AGent does not air-freight                                                                      |
| <b>Packing group</b>                            | II                                                                                                                                    |
| <b>Environmental hazard</b>                     | Not Applicable                                                                                                                        |
| <b>Special provisions</b>                       | Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above.                                   |
| <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>               | 2880                                                                                                             |
| <b>UN proper shipping name</b> | CALCIUM HYPOCHLORITE, HYDRATED (with not less than 5.5% but not more than 16% water)                             |
| <b>IMDG Class</b>              | Class 5.1                                                                                                        |
| <b>Packing group</b>           | II                                                                                                               |
| <b>Environmental hazard</b>    | Marine Pollutant                                                                                                 |
| <b>EMS Number</b>              | F-A, S-B                                                                                                         |
| <b>Special provisions</b>      | Not Applicable — AGent does not export this product or transport it by sea. Refer to land transport (ADG) above. |

**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**

| Product name                 | Group                                                                  |
|------------------------------|------------------------------------------------------------------------|
| Calcium Hypochlorite Tablets | 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                                                              |
|------------------------------|------------------------------------------------------------------------|
| Calcium Hypochlorite Tablets | 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**

CALCIUM HYPOCHLORITE (CAS 7778-54-3) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Ox. Sol. 2, Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 6 (S6)
- Australian Inventory of Industrial Chemicals (AIIC): Listed
- IARC Group classification: Group 3 (not classifiable)
- 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> | 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 legacy V3.2 to AGent 2026 layout. §8 updated to SWA WEL 2024 (chlorine peak); §14 ERG updated to ANZ-ERG 2024 Guide 140; removed superseded legacy abbreviations and exposure-standard references; AICS updated to AIIC. Classification unchanged (Ox. Sol. 2, Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1; DG Class 5.1 PG II; S6). |
| V3.2 (legacy AGent format)  | March 2023     | Older format. Same hazard classification and DG transport status (UN 2880 / Class 5.1 / PG II).                                                                                                                                                                                                                                                        |

### 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                                       |

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***end of SDS***