



Sodium Hypochlorite Solution 5-10%

AGent

AGent SDS: Sodium Hypochlorite 5-10% Solution [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

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	Sodium Hypochlorite 5-10% Solution
Chemical Name	Sodium hypochlorite, aqueous solution (5-10%)
Synonyms	5-10% sodium hypochlorite; dilute bleach; hypochlorite solution; NaOCl 5-10%
Proper shipping name	HYPOCHLORITE SOLUTION
Chemical formula	NaOCl (aqueous, ~5%)
Other means of identification	Sodium Hypochlorite 5-10% Solution [2026.01]

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

Identified uses	Sanitiser; disinfectant; bleaching agent; water treatment; chlorine source.
Uses advised against	Do NOT mix with acids (liberates toxic chlorine gas) or ammonia (liberates toxic chloramines).

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) — answered by Hazrad on AGent's behalf
Other emergency telephone numbers	Poisons Information Centre 131 126 (Australia) / 0800 764 766 (NZ)

SECTION 2 Hazards identification

Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS Class 8 (Corrosive), PG III. Scheduled Poison S5. Classified under the WHS Regulations and the ADG Code.

Poisons Schedule (SUSMP)	Schedule 5 (S5) — SUSMP
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Classification

- Corrosive to Metals Category 1 — H290
- Skin Corrosion/Irritation Category 1B — H314
- Chronic Aquatic Toxicity Category 1 (Hazardous to the Aquatic Environment, Long-Term) — H410

- Specific Target Organ Toxicity (Single Exposure) Category 3 — H335

Label elements

Hazard pictogram(s)	
Signal word	DANGER

Hazard statement(s)

- H290 — May be corrosive to metals.
- H314 — Causes severe skin burns and eye damage.
- H410 — Very toxic to aquatic life with long lasting effects.
- H335 — May cause respiratory irritation.

Supplementary statement(s)

- AUH031 — Contact with acids liberates toxic gas (chlorine).

Precautionary statement(s) Prevention

- P234 — Keep only in original container.
- P260 — Do not breathe mist / vapours / spray.
- P264 — Wash hands and contaminated body thoroughly after handling.
- 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.
- P303+P361+P353 — IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 — Immediately call a POISON CENTRE/doctor.
- P321 — Specific treatment (see First Aid Measures on this Safety Data Sheet).
- P363 — Wash contaminated clothing before re-use.
- P390 — Absorb spillage to prevent material damage.
- P391 — Collect spillage.

Precautionary statement(s) Storage

- P405 — Store locked up.
- P406 — Store in corrosive-resistant container with a resistant inner liner.

Precautionary statement(s) Disposal

- P501 — Dispose of contents/container to an approved waste disposal plant in accordance with local, state and federal regulations.

Other hazards

Decomposes on heating / sunlight / contact with acids, liberating chlorine. Slowly loses available chlorine over time. Reacts with acids and ammonia to liberate toxic gases.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures.

Mixtures

CAS No.	% [weight]	Name	Classification
7681-52-9	5– 10	Sodium hypochlorite	Skin Corr. 1B (H314); STOT SE 3 (H335); Aquatic Chronic 1 (H410); AUH031 — HCIS; Met. Corr. 1 (H290) retained per supplier data
7732-18-5	Balance	Water	Not classified

SECTION 4 First aid measures

Description of first aid measures

Eye Contact

Check for and remove any contact lenses (removal after eye injury should only be undertaken by skilled personnel). Immediately hold eyelids apart and flush the eye continuously with running water for at least 15 minutes, ensuring complete irrigation by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor. Transport to hospital or doctor without delay — corneal burns possible.

Skin Contact

If skin or hair contact occurs, immediately flush body and clothes with large amounts of water, using a safety shower if available. Quickly remove all contaminated clothing, including footwear. Wash skin and hair thoroughly with running water for at least 15 minutes. Continue flushing until advised to stop by the Poisons Information Centre. Wash contaminated clothing before re-use. Transport to hospital or doctor.

Inhalation

If fumes or combustion products are inhaled, remove from contaminated area — to protect rescuer use a Full-face Type B (inorganic and acid gas) respirator or air-line respirator. Lay patient down, keep warm and rested. Apply artificial respiration if not breathing (preferably with a demand-valve resuscitator, bag-valve mask device, or pocket mask). Transport to hospital or doctor. Pulmonary oedema may be delayed up to 48 hours — keep under medical observation even if no symptoms manifested immediately.

Ingestion

Contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766) or a doctor / physician immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Give water to drink if casualty is conscious and able to swallow. Transport to hospital or doctor without delay — urgent hospital treatment likely to be needed.

Most important symptoms and effects, both acute and delayed

Severe skin and eye burns; chemical pneumonitis if inhaled (delayed pulmonary oedema possible up to 48 hours after exposure). Ingestion causes burns to mouth/throat, nausea, vomiting, gastrointestinal ulceration. Contact with acids liberates toxic chlorine gas — symptoms include coughing, choking, chest pain, headache, pulmonary oedema. See Section 11 for further detail.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. For ingestion: dilute with water; do NOT induce vomiting; do NOT attempt neutralisation (exothermic reaction may occur). Evaluate as potential caustic exposure; consider endoscopy for oral injury. For eye exposure: irrigate as above with copious saline if available; refer to ophthalmologist if irritation persists. For inhalation: monitor for delayed pulmonary oedema (up to 48 hours). Buffer stomach acid with antacid may be helpful for discomfort post-ingestion. Contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766) for clinical guidance. Refer to Ellenhorn & Barceloux: Medical Toxicology for treatment protocol detail beyond the above.

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

Product is non-combustible. Use extinguishing media appropriate to the surrounding fire. Suitable: water fog or fine water spray, normal foam, dry chemical powder, carbon dioxide (CO₂). Unsuitable: None known.

Special hazards arising from the substance or mixture

Fire Incompatibility

Decomposes on heating, emitting toxic fumes including chlorine and hydrogen chloride. Contact with acids (especially hydrochloric acid) evolves chlorine gas. Reaction with formic acid may become explosive at 55°C. Contact with ammonia/amines forms chloramines (toxic).

Advice for firefighters

Fire Fighting

Alert the Fire Brigade and inform them of the location and nature of the hazard. Wear full body protective clothing with self-contained breathing apparatus (SCBA). Do NOT allow fire-fighting water to reach waterways, drains or sewers — contain for treatment (very toxic to aquatic life). Cool exposed containers with water spray from a protected location.

Fire / Explosion Hazard

Non-combustible — not considered a significant fire risk (containers may burn). May evolve toxic gases (chlorine, hydrogen chloride) when heated to decomposition. Corrosive runoff possible.

HAZCHEM Code	2X
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SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See Section 8 for personal protective equipment requirements.

Slippery when spilt — avoid slip / trip injuries. Evacuate non-essential personnel to a safe area upwind. Use personal protective equipment per Section 8 (Full-face Type B respirator if vapour exposure possible). Avoid breathing vapours and contact with skin and eyes.

Environmental precautions

See Section 12 for ecotoxicity detail. Very toxic to aquatic life with long-lasting effects (H410). Do NOT let product enter drains, waterways, sewers, soak-aways or unbunded areas. Notify the appropriate Environmental Protection Authority if waterway contamination occurs.

Methods and material for containment and cleaning up

Minor Spills

Contain spill with bunding; prevent further spread. Drains for storage or use areas should have retention basins for pH adjustments and dilution of spills before discharge or disposal. Use absorbent material (sand, soil, vermiculite or other inert material). Do NOT use organic absorbents (sawdust, paper, cloth) — risk of fire/reaction with reducing materials. Collect and seal in properly labelled containers for disposal per Section 13. Wear PPE per Section 8. Avoid skin contact and breathing in vapour / mists.

Major Spills

Slip and chlorine-gas hazard — restrict personnel access. Clear area of all non-essential personnel and move upwind. Alert the Fire Brigade and the relevant Environmental Protection Authority. Wear full chemical-resistant PPE per Section 8; SCBA if vapour exposure likely. Contain, dilute with water for pH adjustment, and collect as above. Do NOT discharge to drains or waterways. Do NOT allow contact with acids, ammonia, organic absorbents or reducing agents during cleanup.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling

Avoid all personal contact, including skin, eye and inhalation exposure. Wear PPE as specified in Section 8. Avoid generation of vapour, mists and aerosols. Ensure ventilation is adequate. Wash hands before breaks and at the end of workday. Observe good personal hygiene.

Other information

Store in the original container; keep tightly sealed when not in use. Inspect containers regularly for leaks, deterioration, or signs of pressure buildup (decomposition products). Available chlorine content diminishes over time — first-in first-out stock rotation recommended.

Conditions for safe storage, including any incompatibilities

Suitable container

Polyethylene (HDPE) or polypropylene drums / IBCs are suitable. Lined metal can or lined metal pail also suitable per supplier guidance. Do NOT use aluminium, mild steel, galvanised steel, zinc, copper, brass or unlined metal containers — corrosive to these metals (H290) and may liberate hydrogen gas. Containers must be of non-removable head type if drums/jerricans.

Storage incompatibility

Incompatible with acids (liberates toxic chlorine gas — AUH031), ammonia and ammonium compounds (forms toxic chloramines), reducing agents, organic materials (including amines), metallic powders, heat sources, ethylene diamine

tetraacetic acid (EDTA), and metal salts. Avoid contact with formic acid (explosive above 55°C). Store in a cool, dry, well-ventilated area away from direct sunlight. Segregate from incompatible materials 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	Sodium hypochlorite	Sodium hypochlorite solution (mist)	No specific WEL assigned	Not assigned	Not assigned	No WEL assigned for sodium hypochlorite. If chlorine is liberated, control to the chlorine WEL (1 ppm peak limitation).

Emergency Limits

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

PVC chemical-resistant gloves (long, per AS 2161); inspect before each use, dispose after use, avoid touching outer glove surface during removal. Wear chemical-resistant safety footwear (AS/NZS 2210) or rubber gumboots with trousers / overalls worn outside the boots to prevent splash entry. Wash and dry hands after glove removal.

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	Clear, pale yellow-green liquid
Physical state	Liquid
Odour	Chlorine
Odour threshold	No data available in source SDS
pH (as supplied)	Alkaline (no specific value in source SDS)
Melting point / freezing point (°C)	No data available in source SDS
Initial boiling point and boiling range (°C)	> 100 °C
Flash point (°C)	Not applicable — non-combustible
Evaporation rate	No data available in source SDS
Flammability	Not flammable (non-combustible)
Upper Explosive Limit (%)	Not applicable
Lower Explosive Limit (%)	Not applicable
Vapour pressure (kPa)	No data available in source SDS
Solubility in water	Miscible in water
Vapour density (Air = 1)	No data available in source SDS
Relative density (Water = 1)	1.007 – 1.075
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)	Similar to water
Molecular weight (g/mol)	74.4 g/mol (NaOCl solute)
Taste	Not applicable — do not taste
Explosive properties	None known
Oxidising properties	Oxidising in nature (hypochlorite)
Surface Tension (dyn/cm or mN/m)	No data available in source SDS
Volatile Component (% vol)	Water
Gas group	Not applicable
pH as a solution (1%)	Alkaline
VOC g/L	0 g/L — inorganic solution; no VOC

SECTION 10 Stability and reactivity

Reactivity	Reacts with acids (liberates chlorine) and ammonia (liberates chloramines). See Section 10.
Chemical stability	Slowly decomposes over time and on exposure to heat / light, losing available chlorine.
Possibility of hazardous reactions	Acid contact liberates chlorine gas. Contact with metals may liberate hydrogen. Reacts with organic / combustible materials.
Conditions to avoid	Heat; direct sunlight; contact with acids, ammonia and incompatible materials.
Incompatible materials	See Section 7. Acids; ammonia / ammonium salts; reducing agents; metals.
Hazardous decomposition products	Chlorine, oxygen and sodium chloride / sodium oxides on decomposition.

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled

Mists / vapours may irritate the respiratory tract. Chlorine liberated on acid contact is a severe respiratory irritant.

Ingestion

Causes irritation / burns to the mouth, throat and GI tract.

Skin Contact

Causes skin irritation; prolonged contact may be corrosive.

Eye

Severe eye irritant / corrosive — can cause corneal burns and permanent injury.

Chronic

No component $\geq 0.1\%$ is an IARC carcinogen.

Per-ingredient toxicity

Ingredient	TOXICITY	IRRITATION
Sodium hypochlorite	Oral LD50 (rat): ~5,800 mg/kg (as solution)	Skin — irritant; Eye — severe / corrosive

Hazard checklist (whole-product classification basis)

Hazard endpoint	Classified	Hazard endpoint	Classified
Acute Toxicity	—	Carcinogenicity	—
Skin Irritation/Corrosion	✓ Skin Corrosion Category 1C (H314)	Reproductive Toxicity	—
Serious Eye Damage/Irritation	✓ Serious Eye Damage Category 1 (H318, subsumed by H314)	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

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

Additional Information

RTECS	NH3486300 (sodium hypochlorite)
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SECTION 12 Ecological information

Toxicity

Ingredient	Endpoint	Test Duration	Species	Value	Source
Sodium hypochlorite	Hazardous to the aquatic environment, Acute Category 1 (H400)	—	Aquatic organisms (fish / invertebrates / algae)	Very toxic — M-factor 10. LC50 (fish) typically < 1 mg/L	GHS classification / supplier data

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
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Sodium hypochlorite	Decomposes / reacts rapidly in the environment; forms chloride and oxygen.	Not applicable — aqueous solution.
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Bioaccumulative potential

Ingredient	Bioaccumulation
Sodium hypochlorite	Does not bioaccumulate (reactive, ionic).

Mobility in soil

Ingredient	Mobility
Sodium hypochlorite	Miscible / mobile in water but reacts rapidly.

Other adverse effects

Very toxic to aquatic life with long-lasting effects (H410). Even small concentrations can be harmful to fish and aquatic invertebrates (LC50 < 0.1 mg/L). Decomposes to sodium chloride and oxygen, but the active chlorine itself is highly reactive and damages aquatic biota during decomposition. Prevent discharge to drains, waterways or soak-aways at all 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.
- Dispose of in accordance with local, state and federal regulations. Do not discharge to waterways.

SECTION 14 Transport information

Labels Required	Class 8 (Corrosive)
Marine Pollutant	Yes
HAZCHEM Code	2X

Land transport (ADG)

UN number	1791
UN proper shipping name	HYPOCHLORITE SOLUTION
Transport hazard class(es)	8 (Corrosive), PG III. Classified as DANGEROUS GOODS by the criteria of the ADG Code for transport by road or rail.
Packing group	III
Environmental hazard	Marine Pollutant
Special precautions for user	per ADG Table 3.2.3 (UN1791 PG III) Special provision 223; limited quantity 5L; excepted quantity E1; packaging P001
ERG / EIP number	ANZ-ERG 2024 Guide 154.

Air transport (ICAO-IATA / DGR)

UN number	1791
UN proper shipping name (lowercase)	HYPOCHLORITE SOLUTION
ICAO/IATA Class	Class 8 (Corrosive)
Packing group	III
Environmental hazard	Environmentally hazardous
Special provisions	Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification.
Cargo Only Packing Instructions	Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification.
Cargo Only Max Qty/Pack	Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification.
Passenger and Cargo Packing Instructions	Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above for the applicable classification.
Passenger and Cargo Max Qty/Pack	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)

UN number	1791
UN proper shipping name	HYPOCHLORITE SOLUTION
IMDG Class	Class 8 (Corrosive), PG III
Packing group	III
Environmental hazard	Marine Pollutant: Yes
EMS Number	Not Applicable — AGent does not export this product or transport it by sea
Special provisions	Not Applicable — AGent does not export this product or transport it by sea. Refer to land transport (ADG) above for the applicable classification.

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
Sodium Hypochlorite 5-10% Solution	Not Applicable — AGen does not transport this product in bulk by sea.

Transport in bulk in accordance with the IGC Code

Product name	Ship Type
Sodium Hypochlorite 5-10% Solution	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**

SODIUM HYPOCHLORITE (CAS 7681-52-9) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Listed (CAS 7681-52-9) - Skin corrosion— 1B; Eye damage —1; Hazardous to the aquatic environment (acute/chronic) —1; STOT (single exposure) —3
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 5 (S5) at this concentration
- 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

Revision Date	June 2026
Initial Date	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 V1.3 document to AGent 2026 SDS layout. §2 upgraded to Skin Corr. 1B (H314); STOT SE 3 (H335); Aquatic Chronic 1 (H410); AUH031 per AGent default-higher policy (legacy had Skin Corr 1C (H314) + Eye Dam 1 + Aquatic Acute 1 (H400) prev. Skin Irrit 2 / Eye Irrit 2A / Non-DG). §14 reclassified DG Class 8 PG III UN1791 (ANZ-ERG Guide 154). §8 to SWA WEL 2024; AICS→AIIC.
V1.3 (legacy AGent format)	Pre-2026	Legacy AGent 5% solution SDS. Declared Skin Irrit 2 + Eye Irrit 2A (Warning) and 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-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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