



Hydrogen Peroxide 50% Solution

AGent

AGent SDS: Hydrogen Peroxide 50% 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	Hydrogen Peroxide 50% Solution
Chemical Name	Hydrogen peroxide, aqueous solution (50%)
Synonyms	Hydrogen peroxide solution; dihydrogen dioxide; H ₂ O ₂ (50%)
Proper shipping name	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilised as necessary)
Chemical formula	H ₂ O ₂ (50%) in water
Other means of identification	Hydrogen Peroxide 50% Solution [2026.01]

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

Identified uses	Industrial use; oxidation; manufacture of substances.
Uses advised against	Not for unprotected domestic / consumer use. Do NOT confine in unvented containers (overpressure risk).

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. Scheduled Poison S6. Classified under the WHS Regulations and the ADG Code — Class 5.1 Oxidising (subsidiary Class 8 Corrosive), PG II.

Poisons Schedule (SUSMP)	Schedule 6 (S6) — SUSMP
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Classification

- Oxidising Liquid Category 1 — H271
- Acute Toxicity (Oral) Category 4 — H302
- Acute Toxicity (Inhalation) Category 4 — H332

- Skin Corrosion/Irritation Category 1 — H314

Label elements

Hazard pictogram(s)	
Signal word	DANGER

Hazard statement(s)

- H271 — May cause fire or explosion; strong oxidiser.
- H302 — Harmful if swallowed.
- H314 — Causes severe skin burns and eye damage.
- H332 — Harmful if inhaled.

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

- P210 — Keep away from heat.
- P220 — Keep away from combustible materials.
- P221 — Take any precaution to avoid mixing with combustibles.
- P260 — Do not breathe mist / vapours / spray.
- P264 — Wash hands thoroughly after handling.
- P270 — Do not eat, drink or smoke when using this product.
- P280 — Wear protective gloves / protective clothing / eye protection / face protection.
- P283 — Wear fire resistant / flame retardant clothing.

Precautionary statement(s) Response

- P301+P330+P331 — IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P310 — Immediately call a POISON CENTRE / doctor.
- P303+P361+P353 — IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P306+P360 — IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P321 — Specific treatment (see First Aid Measures).
- P363 — Wash contaminated clothing 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.
- P370+P378 — In case of fire: Use water spray / dry sand / dry chemical / alcohol-resistant foam.
- P371+P380+P375 — In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Precautionary statement(s) Storage

- P405 — Store locked up.
- P410+P403 — Protect from sunlight. Store in a well-ventilated place. Use vented closures; do NOT confine in unvented vessels (decomposition / overpressure). Store upright.

Precautionary statement(s) Disposal

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

Other hazards

Strong oxidiser — supports combustion, can ignite combustibles. Decomposes liberating oxygen; risk of overpressure / burst in confined spaces. Violent / explosive reactions with many organics, metals, acids and bases.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures.

Mixtures

CAS No.	% [weight]	Name	Classification
7722-84-1	50	Hydrogen peroxide	Ox. Liq. 1 (H271); Acute Tox. 4 (H302, H332); Skin Corr. 1 (H314); Eye Dam. 1 (H318)
7732-18-5	50	Water	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. Corrosive — seek immediate medical assistance (risk of irreversible eye damage; symptoms may be delayed).

Skin Contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Corrosive — causes burns; seek medical attention. Launder clothing before reuse.

Inhalation

Move person into fresh air. If not breathing, give artificial respiration. Vapour / aerosol is corrosive to the respiratory tract; monitor for delayed pulmonary oedema. Seek medical advice.

Ingestion

Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Rapid release of oxygen can distend / damage the stomach — seek immediate medical assistance. 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; eye contamination may cause irreversible damage. Inhalation of vapour / aerosol causes respiratory-tract irritation / inflammation and possible pulmonary oedema. Ingestion causes burns and gastric distension from oxygen release.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Corrosive injury management; monitor for delayed pulmonary oedema (inhalation) and gastric injury (ingestion). 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 spray (flooding), alcohol-resistant foam, dry powder, carbon dioxide. Do NOT use organic extinguishing compounds. Cool / dilute fire-exposed containers with water (flooding).

Special hazards arising from the substance or mixture

Fire Incompatibility

Strong oxidiser — fire-stimulating. Risk of overpressure / burst due to decomposition in confined spaces and pipes. Large-scale fire may cause violent decomposition or explosion. Releases oxygen supporting combustion.

Advice for firefighters

Fire Fighting

Wear self-contained breathing apparatus (SCBA) and full protective clothing. Fight large fires remotely (explosion risk).

Fire / Explosion Hazard

Oxidiser (Class 5.1) with corrosive subsidiary (8). Product itself does not burn but yields oxygen and supports / intensifies combustion.

HAZCHEM Code	2P
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SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See Section 8 for personal protective equipment requirements.

Eliminate ignition sources. Wear respiratory protection and full chemical-resistant PPE. Avoid breathing vapours / mist.

Ensure adequate ventilation. Use clean, non-sparking tools. Evacuate non-essential personnel; work upwind.

Environmental precautions

Prevent product entering drains or waterways. Discharge to the environment must be avoided. If contamination occurs, advise local emergency services. See Section 12.

Methods and material for containment and cleaning up

Minor Spills

Slippery when spilt — clean up immediately. Dilute small spills with lots of water and rinse away (where permitted). Use inert absorbent (soil, sand) — do NOT use textiles, sawdust or combustibles. Collect and seal in labelled, vented containers for disposal per Section 13. Never return spilled product to its original container.

Major Spills

Isolate and ventilate; eliminate ignition sources; keep combustibles away; work upwind. Wear full PPE including SCBA. Dilute / contain, absorb on inert material and collect as above. Notify the Environmental Protection Authority.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling

Avoid contact with skin and eyes and breathing vapour / mist. Eliminate ignition sources — no smoking. Keep away from combustibles. Wash thoroughly after handling. Use PPE per Section 8.

Other information

Use only containers specifically permitted for hydrogen peroxide, with adequate venting devices. Do NOT confine in unvented vessels or between closed valves (overpressure / burst). Store and transport upright. Keep away from incompatible materials.

Conditions for safe storage, including any incompatibilities

Suitable container

Store in a cool, dry, well-ventilated area away from sunlight, heat, ignition sources and combustibles, on an acid-proof / jointless smooth concrete floor with bunding. Use only permitted, vented containers; check periodically for corrosion, bulging or temperature increase. Store upright.

Storage incompatibility

Combustibles / organics; metals (brass, copper, copper alloys, powdered metals, iron and iron salts); alkalis; acids (nitric, sulphuric); reducing agents; decomposition catalysts; flammable substances; organic solvents. Store separately (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	Hydrogen peroxide	Hydrogen peroxide	1.4 mg/m ³ (1 ppm)	Not assigned in SWA WEL 2024	Not assigned in SWA WEL 2024	SWA WEL 2024 hydrogen peroxide TWA 1 ppm (1.4 mg/m ³).
SWA WEL 2024	Water	Water (component)	Not applicable	Not applicable	Not applicable	Water — no exposure limit defined.

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
Hydrogen peroxide	Refer DOE PAC —	Refer DOE PAC —	Refer DOE PAC —
Ingredient	Original IDLH		Revised IDLH
Hydrogen peroxide	75 ppm (NIOSH IDLH for hydrogen peroxide)		Refer current NIOSH documentation

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 (natural rubber ≥ 1 mm / nitrile ≥ 0.33 mm / butyl ≥ 0.7 mm; breakthrough >480 min) and acid-proof protective clothing (splash apron / chemical-impervious garment and rubber boots) (AS 2161, AS 3765, AS 2210). Tight-fitting chemical splash goggles and full face-shield (AS/NZS 1336 & 1337). Use a full-face respirator with ABEK cartridges, or supplied-air respirator if sole protection (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	Liquid — clear, colourless
Physical state	Liquid
Odour	Slight odour
Odour threshold	No data available in source SDS
pH (as supplied)	≤ 3.5 (acidic)
Melting point / freezing point (°C)	-52.2 °C
Initial boiling point and boiling range (°C)	108 °C
Flash point (°C)	Not applicable — non-combustible (oxidiser)
Evaporation rate	No data available in source SDS
Flammability	Non-combustible — oxidiser; supports / intensifies combustion
Upper Explosive Limit (%)	Not applicable
Lower Explosive Limit (%)	Not applicable

Vapour pressure (kPa)	48 Pa (H ₂ O ₂) / 3070 Pa (H ₂ O ₂ & water) at 30 °C
Solubility in water	Miscible
Vapour density (Air = 1)	1 (air = 1)
Relative density (Water = 1)	1.195 at 20 °C
Partition coefficient n-octanol/water	Not applicable
Auto-ignition temperature (°C)	Not applicable — non-combustible
Decomposition temperature (°C)	114 °C at 1013 hPa
Viscosity (cSt)	No data available in source SDS
Molecular weight (g/mol)	34.01 g/mol (H ₂ O ₂)
Taste	Not applicable — do not taste
Explosive properties	Not explosive itself, but can react explosively with many substances; decomposition over-pressure risk
Oxidising properties	Strong oxidiser (Ox. Liq. 1)
Surface Tension (dyn/cm or mN/m)	No data available in source SDS
Volatile Component (% vol)	Water and hydrogen peroxide
Gas group	Not applicable
pH as a solution (1%)	Acidic
VOC g/L	0 g/L — inorganic oxidiser solution; no VOC

SECTION 10 Stability and reactivity

Reactivity	Oxidising agent and reactive. See Section 7 / 10.
Chemical stability	Stable under recommended storage conditions; commercial product stabilised to reduce decomposition. Decomposes with contamination, heat or sunlight.
Possibility of hazardous reactions	≥30% solutions are strong oxidisers reacting explosively with many substances — organics (acids/anhydrides, aldehydes, ketones, ethers, alcohols, charcoal, organic dust), strong bases, metals / metal oxides / salts, reducing agents, nitric / sulphuric acid, potassium permanganate. Contact with combustibles may cause spontaneous fire / explosion.
Conditions to avoid	Sunlight; heat; contamination; confinement in unvented vessels; incompatible materials.
Incompatible materials	See Section 7. Metals; alkalis; acids; reducing agents; combustibles; organic solvents; decomposition catalysts.
Hazardous decomposition products	Steam and oxygen (oxygen supports combustion).

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled

Harmful if inhaled (H332). Vapour / aerosol is corrosive — respiratory irritation / inflammation; possible pulmonary oedema (delayed).

Ingestion

Harmful if swallowed (H302). Causes burns; oxygen release can distend / damage the stomach and internal organs.

Skin Contact

Corrosive — causes burns (H314); local erythema / whitening up to blistering.

Eye

Corrosive — causes burns; severe conjunctivitis, corneal damage or irreversible injury; symptoms may be delayed.

Chronic

IARC Group 3 (not classifiable) for hydrogen peroxide. No other specific chronic data in source SDS.

Per-ingredient toxicity

Ingredient	TOXICITY	IRRITATION
Hydrogen peroxide	Acute toxicity data not stated in source SDS; classified Acute Tox. 4 (oral / inhalation)	Corrosive (Skin Corr. 1 / serious eye damage)
Water	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 skin / eye contact, ingestion and inhalation.

Additional Information

RTECS	MX0899500
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SECTION 12 Ecological information

Toxicity

Ingredient	Endpoint	Test Duration	Species	Value	Source
Hydrogen peroxide	LC50 (flathead minnow, Pimephales promelas)	96 h	Fish	16.4 mg/L (also C. carpio LC50 42 mg/L / 48 h)	AGent SDS
Hydrogen peroxide	EC50 (Daphnia magna) / IC50 (Chlorella vulgaris)	24 h / 72 h	Daphnia / algae	EC50 7.7 mg/L (Daphnia); IC50 2.5 mg/L (algae); EC50 2.4 mg/L (crustaceans, 48 h)	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
Hydrogen peroxide	Readily biodegradable — decomposes to water and oxygen (mineral / enzymatic catalysis; aerobic $t_{1/2} < 2$ min in sludge).	Indirect photo-oxidation (OH radicals), $t_{1/2} \sim 16\text{--}20$ h.

Bioaccumulative potential

Ingredient	Bioaccumulation
Hydrogen peroxide	Not expected to bioaccumulate (decomposes to water and oxygen).

Mobility in soil

Ingredient	Mobility
Hydrogen peroxide	Miscible and mobile in water; decomposes rapidly.

Other adverse effects

Harmful to aquatic life (component EC50/IC50 values 2–8 mg/L). Avoid uncontrolled discharge; decomposes to water and oxygen.

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.
- Dilute / decompose under controlled conditions; dispose of in accordance with local, state and federal regulations.
Whatever cannot be recovered should be handled as hazardous waste.

SECTION 14 Transport information

Labels Required	Class 5.1 (Oxidising Agent) + subsidiary Class 8 (Corrosive) — see ADG Table 3.2.3
Marine Pollutant	No
HAZCHEM Code	2P

Land transport (ADG)

UN number	2014
UN proper shipping name	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilised as necessary)
Transport hazard class(es)	Class 5.1 (Oxidising Agent); Subsidiary Hazard: Class 8 (Corrosive)
Packing group	II
Environmental hazard	Not Applicable
Special precautions for user	ADG Table 3.2.3 (UN 2014 PG II): Limited Quantities (Column 7a): 1 Litre maximum per inner packaging. Total gross package weight must not exceed 30 kg for boxes or 20 kg for shrink-wrapped trays. Excepted Quantities (Column 7b): Code E2. This permits a maximum of 30 mL per inner packaging and 500 mL total per outer packaging. Special Provisions (SP) Venting Requirements: Packagings and Intermediate Bulk Containers (IBCs) must be fitted with a venting device to prevent internal overpressure from gas evolution.
ERG / EIP number	ANZ-ERG 2024 Guide 140 (Oxidizers).

Air transport (ICAO-IATA / DGR)

UN number	2014
UN proper shipping name (lowercase)	Hydrogen peroxide, aqueous solution
ICAO/IATA Class	Class 5.1 (8); ERG Code: Not Applicable — AGent does not air-freight
Packing group	II
Environmental hazard	Not Applicable — AGent does not transport this product by air
Special provisions	Not Applicable — AGent does not transport this product by air. Refer to land transport (ADG) above.
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	2014
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UN proper shipping name	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilised as necessary)
IMDG Class	Class 5.1 (8)
Packing group	II
Environmental hazard	Not a Marine Pollutant
EMS Number	F-H, S-Q
Special provisions	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
Hydrogen Peroxide 50% Solution	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
Hydrogen Peroxide 50% Solution	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

HYDROGEN PEROXIDE (CAS 7722-84-1) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Ox. Liq. 1 / Acute Tox. 4 / Skin Corr. 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 as to carcinogenicity to humans)
- 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 — 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 legacy V2.2 to AGent 2026 layout. §8 updated to SWA WEL 2024 (hydrogen peroxide 1 ppm TWA / 1.4 mg/m ³); §14 ERG updated to ANZ-ERG 2024 Guide 140 (was legacy HB76 EIP 31); removed superseded legacy abbreviations and exposure-standard references; AICS→AIIC. Classification unchanged (Ox Liq 1 / Acute Tox 4 oral+inhalation / Skin Corr 1; Danger; UN 2014 Class 5.1(8) PG II; S6).
V2.2 (legacy AGent format)	Pre-2026	Older format. Same hazard classification and DG transport status (UN 2014 Class 5.1(8) PG II; S6).

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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