



TankShield

AGent

AGent SDS: TankShield [2026.01]

Version No: 2026.01

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

Hazard Alert Code: 1

Issue Date: October 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	TankShield
Chemical Name	Not Applicable — mixture (hydrogen peroxide 7.9% w/w, aqueous, stabilised)
Synonyms	TankShield Silver-Stabilised Peroxide Tank Water Purifier; silver-stabilised hydrogen peroxide; rainwater tank sanitiser
Proper shipping name	Not Applicable — NON-DANGEROUS GOODS
Chemical formula	Not Applicable — mixture (active: H ₂ O ₂)
Other means of identification	TankShield [2026.01]

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

Identified uses	Disinfection of stored water in rainwater and other water storage tanks (domestic, rural and commercial). Use as directed on the label.
Uses advised against	Not for use in swimming pool or spa water. Do NOT mix with chlorine products, acids, alkalis or other chemicals. Not for internal / therapeutic 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) — 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. NON-DANGEROUS GOODS. Scheduled Poison S6. Classified under the WHS Regulations. NOT subject to the ADG Code — hydrogen peroxide solutions below 8% are not Dangerous Goods (UN 2984 applies from 8% to <20%).

Poisons Schedule (SUSMP)	Schedule 6 (S6) — SUSMP (hydrogen peroxide >6% in other than hair-dye preparations)
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Classification

- Serious Eye Damage/Eye Irritation Category 2A — H319

Label elements

Hazard pictogram(s)	
Signal word	WARNING

Hazard statement(s)

- H319 — Causes serious eye irritation.

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

- P264 — Wash hands thoroughly after handling.
- P280 — Wear protective gloves / eye protection / face protection.

Precautionary statement(s) Response

- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 — If eye irritation persists: Get medical advice / attention.

Precautionary statement(s) Storage

- Not Applicable (GHS Annex 3 assigns no storage statement to H319). Store below 30 °C in the original container, tightly closed, upright, out of direct sunlight and away from combustibles, acids, alkalis and metals.

Precautionary statement(s) Disposal

- Not Applicable (GHS Annex 3 assigns no disposal statement to H319). Dispose of contents / container in accordance with local regulations — see Section 13.

Other hazards

Mild oxidiser at this concentration. Slow release of oxygen on decomposition — keep container vented as supplied and do not confine in sealed vessels. Contamination (metals, organics, alkalis) accelerates decomposition. Poisons Standard label elements (main label): POISON — KEEP OUT OF REACH OF CHILDREN — READ SAFETY DIRECTIONS BEFORE OPENING OR USING; Appendix F warning statement 'Irritant', safety direction 'Avoid contact with eyes'; Appendix E first aid statements A, G3, E2, S1.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures.

Mixtures

CAS No.	% [weight]	Name	Classification
7722-84-1	7.9	Hydrogen peroxide	Ox. Liq. 1 (H271); Acute Tox. 4 (H302, H332); Skin Corr. 1 (H314); Eye Dam. 1 (H318); Specific Target Organ Toxicity (Single Exposure) Category 3 (H335)
7732-18-5	92.1	Water	Not classified

SECTION 4 First aid measures

Description of first aid measures

Eye Contact

Hold eyelids apart and flush the eye continuously with running water. Remove contact lenses if present and easy to do. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes. If eye irritation persists, seek medical attention.

Skin Contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash with soap and water. Seek medical advice if irritation develops. Launder clothing before reuse.

Inhalation

Not a normal route of exposure (low vapour pressure, non-volatile active). If mist is inhaled, remove the person to fresh air and keep comfortable for breathing. Seek medical advice if symptoms occur.

Ingestion

For advice, contact a Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766) or a doctor (at once). If swallowed, do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Release of oxygen in the stomach may cause distension and discomfort — observe and seek medical assistance.

Most important symptoms and effects, both acute and delayed

Eye contact: irritation, redness, watering, pain; reversible with prompt irrigation. Skin: transient whitening or irritation on prolonged contact with the undiluted product. Ingestion: irritation of the mouth, throat and stomach; belching / distension from oxygen release. Treated water at the use dilution (about 5 mg/L hydrogen peroxide) presents no hazard.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Eye: irrigate the conjunctival cul-de-sac with saline; refer to an ophthalmologist if irritation persists beyond 24 hours. Ingestion: dilution with water; do not induce emesis; monitor for gastric distension from oxygen release (rarely significant at this concentration). 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

Product is non-flammable and water-based. Use extinguishing media suitable for the surrounding fire — water spray or fog, foam, dry powder, carbon dioxide. Water may be used freely to cool containers and dilute spilt product.

Special hazards arising from the substance or mixture

Fire Incompatibility

Weak oxidiser. On heating or contamination, decomposes to water and oxygen; oxygen enrichment can intensify a surrounding fire. Containers may pressurise and rupture if sealed and heated.

Advice for firefighters

Fire Fighting

Alert the Fire Brigade and tell them the location and nature of the hazard. Wear breathing apparatus and protective gloves in a fire involving stored product. Cool fire-exposed containers with water spray from a protected location. Prevent run-off entering drains and waterways.

Fire / Explosion Hazard

Non-combustible liquid; does not burn. Not classified as an oxidising liquid at 7.9% (Ox. Liq. 2 applies from 50% hydrogen peroxide). Decomposition liberates oxygen, which supports combustion of nearby materials. HAZCHEM: Not Applicable — Non-Dangerous Goods.

HAZCHEM Code	Not Applicable
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SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See Section 8 for personal protective equipment requirements.

Wear protective gloves and eye protection (Section 8). Avoid contact with eyes. Slippery when spilt. No respiratory protection required under normal conditions. Remove combustible materials (paper, sawdust, rags) from the spill area — do not use them as absorbent.

Environmental precautions

Prevent large volumes entering drains or waterways. Hydrogen peroxide decomposes rapidly to water and oxygen and is readily degradable; small quantities may be diluted with water where permitted. See Section 12.

Methods and material for containment and cleaning up

Minor Spills

Contain and dilute with plenty of water. Absorb on inert material (sand, earth, vermiculite) — NOT sawdust, paper or other combustibles. Collect into a labelled, vented container for disposal per Section 13. Flush the area with water. Do not return spilt product to the original container.

Major Spills

Clear the area of personnel and move upwind. Contain with sand or earth bunds; dilute with water. Absorb on inert material and collect into vented, labelled containers. Wash the area with water. Notify the Environmental Protection Authority if a significant quantity has entered a waterway.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling

Avoid contact with eyes. Wear protective gloves and eye protection when handling the undiluted product. Wash hands after use. Add the product to the tank water; never add other chemicals to the container. Keep away from combustible materials and incompatible chemicals (Section 10).

Other information

Store and transport upright in the original vented container. Do not decant into unvented or sealed vessels — slow oxygen release can pressurise them. Keep the container closed when not in use. Do not eat, drink or smoke when handling.

Conditions for safe storage, including any incompatibilities

Suitable container

Original high-density polyethylene container with vented closure, as supplied (5 L, 15 L, 20 L, 200 L drum, 1000 L IBC). Containers over 2 L carry the word POISON on the container per Poisons Standard s46(3). Store below 30 °C in a cool, well-ventilated place out of direct sunlight, upright, on a sealed floor with bunding for bulk quantities. Shelf life 24 months from manufacture when stored as directed (peroxide strength declines slowly with age and heat).

Storage incompatibility

Metals and metal salts (iron, copper, brass, manganese), alkalis, acids, reducing agents, chlorine and hypochlorite products, organic and combustible materials. Contamination accelerates decomposition. Store separately from pool chlorine and acids.

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). Vapour from a 7.9% solution at ambient temperature is not expected to approach this value in normal use.
SWA WEL 2024	Water	Water (component)	No value assigned by Safe Work Australia	No value assigned by Safe Work Australia	No value assigned by Safe	Water — no exposure standard assigned.

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Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
Hydrogen peroxide	10 ppm (DOE PAC Rev 29, hydrogen peroxide vapour; US reference value, not an Australian requirement)	50 ppm (DOE PAC Rev 29)	100 ppm (DOE PAC Rev 29)
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 (nitrile, PVC or natural rubber) when handling the undiluted product (AS 2161). Safety glasses with side shields as a minimum; chemical splash goggles when decanting or dosing from drums and IBCs (AS/NZS 1336 and 1337). Overalls or long sleeves; wash contaminated clothing before reuse. Respiratory protection is not required under normal conditions of use; where mist is generated in a confined space, use a half-face respirator with a Type A filter (AS/NZS 1715 and 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	Not Available
pH (as supplied)	3.5 – 4.5 (as supplied)

Melting point / freezing point (°C)	< 0 °C
Initial boiling point and boiling range (°C)	101 °C
Flash point (°C)	Not applicable — non-combustible
Evaporation rate	As for water
Flammability	Non-flammable; not an oxidising liquid at this concentration
Upper Explosive Limit (%)	Not applicable
Lower Explosive Limit (%)	Not applicable
Vapour pressure (kPa)	2.4 kPa (18 mm Hg) at 20 °C — essentially that of water
Solubility in water	Miscible
Vapour density (Air = 1)	Not Available
Relative density (Water = 1)	1.025 at 20 °C
Partition coefficient n-octanol/water	Not applicable — inorganic aqueous solution
Auto-ignition temperature (°C)	Not applicable — non-combustible
Decomposition temperature (°C)	Not Available for the mixture; hydrogen peroxide decomposes progressively with heat and contamination
Viscosity (cSt)	Not Available (water-like)
Molecular weight (g/mol)	Not applicable — mixture (H ₂ O ₂ 34.01 g/mol)
Taste	Not applicable — do not taste
Explosive properties	Not explosive
Oxidising properties	Weak oxidiser; not classified (Ox. Liq. 2 applies from 50% hydrogen peroxide)
Surface Tension (dyn/cm or mN/m)	Not Available
Volatile Component (% vol)	> 90% (water)
Gas group	Not applicable
pH as a solution (1%)	Slightly acidic
VOC g/L	0 g/L — inorganic aqueous solution; no VOC

SECTION 10 Stability and reactivity

Reactivity	Mild oxidiser. Decomposes slowly to water and oxygen; decomposition is accelerated by heat, sunlight, alkalis and contamination with metals or organics. See Sections 7 and 10.
Chemical stability	Stable under recommended storage conditions (below 30 °C, original vented container, out of sunlight). Product is stabilised to slow decomposition; peroxide strength declines gradually with age — shelf life 24 months.
Possibility of hazardous reactions	Decomposition with oxygen release on contact with metals (iron, copper, manganese), alkalis, reducing agents and organic matter; sealed containers may pressurise. Reacts with chlorine and hypochlorite products (loss of both actives, gas evolution). Not expected to react violently at 7.9%.
Conditions to avoid	Heat above 30 °C; direct sunlight; contamination; confinement in sealed or unvented vessels; mixing with other chemicals.
Incompatible materials	See Section 7. Metals and metal salts; alkalis; acids; reducing agents; chlorine / hypochlorite; combustible and organic materials.
Hazardous decomposition products	Oxygen and water (oxygen supports combustion).

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled

Not classified. Vapour pressure of the active is very low at ambient temperature; mist from spraying or agitation may irritate the nose and throat.

Ingestion

Not classified for acute toxicity at 7.9% (calculated ATE well above 2,000 mg/kg from the hydrogen peroxide oral LD50). Ingestion of the undiluted product may irritate the mouth, throat and stomach and release oxygen causing distension. Treated tank water at 65 mL per 1,000 L (about 5 mg/L hydrogen peroxide) is not hazardous.

Skin Contact

Not classified (Skin Irrit. 2 applies to hydrogen peroxide from 35%). Prolonged contact with the undiluted product may cause transient whitening or mild irritation.

Eye

Causes serious eye irritation (H319). Redness, pain and watering; reversible with prompt irrigation. Hydrogen peroxide at 5% to <8% is Eye Irrit. 2 under the HCIS / EU Annex VI concentration-specific limits.

Chronic

No chronic effects expected from intended use. Hydrogen peroxide: IARC Group 3 (not classifiable as to carcinogenicity to humans); not classified for mutagenicity, reproductive toxicity or STOT-RE.

Per-ingredient toxicity

Ingredient	TOXICITY	IRRITATION
Hydrogen peroxide	Oral LD50 805 mg/kg (rat) [AICIS]; Dermal LD50 1,200 mg/kg (mouse); Inhalation LC50 2,000 mg/m ³ / 4 h (rat). Mixture (7.9%): calculated oral ATE > 2,000 mg/kg — not classified.	Substance: corrosive (Skin Corr. 1A / Eye Dam. 1). Mixture at 7.9%: Eye Irrit. 2 (H319); not skin irritant.
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

Eye and skin contact with the undiluted product; ingestion. Inhalation is not a significant route.

Additional Information

RTECS	MX0899500 (hydrogen peroxide)
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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)	24 h / 72 h	Daphnia / algae	EC50 7.7 mg/L (Daphnia); IC50	AGent SDS

	magna) / IC50 (Chlorella vulgaris)			2.5 mg/L (algae); EC50 2.4 mg/L (crustaceans, 48 h)	
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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 degradable — decomposes to water and oxygen (mineral / enzymatic catalysis; aerobic half-life under 2 minutes in activated sludge). Not persistent.	Indirect photo-oxidation (OH radicals), half-life about 16–20 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

Not classified as hazardous to the aquatic environment at 7.9% (hydrogen peroxide acute aquatic toxicity 2–8 mg/L, rapidly degradable; mixture below the classification thresholds). Avoid uncontrolled discharge of the undiluted product to waterways; it 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.
- Whatever cannot be saved for recovery or recycling should be managed through an approved waste disposal facility.
- Unused product: dilute with plenty of water and allow to decompose, then dispose of in accordance with local, state and federal regulations; larger quantities to a licensed waste contractor. Empty containers: triple-rinse (rinsate to the tank being treated or to sewer where permitted), then recycle where facilities exist or dispose of per local regulations. Do not reuse containers for food or drink.

SECTION 14 Transport information

Labels Required	Not Applicable — not regulated for transport
Marine Pollutant	No
HAZCHEM Code	Not Applicable

Land transport (ADG)

UN number	Not Applicable — NON-DANGEROUS GOODS (hydrogen peroxide solution below 8%)
UN proper shipping name	Not Applicable — NON-DANGEROUS GOODS
Transport hazard class(es)	NON-DANGEROUS GOODS. UN 2984 HYDROGEN PEROXIDE, AQUEOUS SOLUTION (Class 5.1, PG III) applies only to solutions with not less than 8% but less than 20% hydrogen peroxide; this product is 7.9% and is not subject to the ADG Code. The product is formulated at 7.9% hydrogen peroxide and the batch release assay confirms every batch is below 8.0%.
Packing group	Not Applicable
Environmental hazard	Not regulated for transport.
Special precautions for user	Not Applicable — Non-Dangerous Goods. Transport upright in the original vented container; segregate from Class 8 acids and Class 5.1 chlorine products as good practice.
ERG / EIP number	Not Applicable — Non-Dangerous Goods.

Air transport (ICAO-IATA / DGR)

UN number	Not Applicable — NON-DANGEROUS GOODS (hydrogen peroxide solution below 8%)
UN proper shipping name (lowercase)	Not Applicable — Non-Dangerous Goods (< 8% hydrogen peroxide)
ICAO/IATA Class	Not Applicable; ERG Code: Not Applicable — AGent does not air-freight
Packing group	Not Applicable
Environmental hazard	Not regulated for transport
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	Not Applicable — NON-DANGEROUS GOODS (hydrogen peroxide solution below 8%)
UN proper shipping name	Not Applicable — NON-DANGEROUS GOODS
IMDG Class	Not Applicable — Non-Dangerous Goods (< 8% hydrogen peroxide)

Packing group	Not Applicable
Environmental hazard	Not a Marine Pollutant
EMS Number	Not Applicable
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
TankShield	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
TankShield	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): hydrogen peroxide solution — concentration-specific classification; at 5% ≤ C < 8% Eye Irrit. 2 (H319) only (Skin Irrit. 2, Acute Tox. 4 and STOT SE 3 apply from 35%; Ox. Liq. from 50%)
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 6 (S6) — preparations containing more than 6% hydrogen peroxide other than hair dyes; Schedule 5 covers 3% to 6% only
- 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	October 2026
Initial Date	October 2026 (AGent 2026 format; new product)

SDS Version Summary

Version	Date of Update	Sections Updated
2026.01 (AGent 2026 format)	October 2026	New product SDS. Hydrogen peroxide 7.9% aqueous, stabilised, for tank water disinfection. Eye Irrit. 2A (H319), Warning, GHS07 (concentration-specific limit); S6; not Dangerous Goods (<8%).

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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