



Potassium Peroxymonosulphate

AGent

AGent SDS: Potassium Peroxymonosulphate [2026.02]

Version No: 2026.02

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: July 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	Potassium Peroxymonosulphate
Chemical Name	Potassium peroxymonosulphate (triple salt)
Synonyms	Potassium monopersulphate; potassium hydrogen peroxymonosulphate; Oxone
Proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (potassium peroxymonosulphate)
Chemical formula	$2\text{KHSO}_5 \cdot \text{KHSO}_4 \cdot \text{K}_2\text{SO}_4$ (triple salt)
Other means of identification	Potassium Peroxymonosulphate [2026.02]

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

Identified uses	Industrial oxidiser; water sanitation; non-chlorine bleaching.
Uses advised against	Not for unprotected domestic / consumer use. Keep away from combustibles, reducers and moisture.

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 8 Corrosive (PG II). Oxidising acid (see Section 10 / 16).

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

- Acute Toxicity (Oral) Category 4 — H302
- Skin Corrosion/Irritation Category 1A — H314
- Serious Eye Damage/Eye Irritation Category 1 — H318 (subsumed by H314)

- Hazardous to the Aquatic Environment, Long-term (Chronic) Category 3 — H412

Label elements

Hazard pictogram(s)	
Signal word	DANGER

Hazard statement(s)

- H302 — Harmful if swallowed.
- H314 — Causes severe skin burns and eye damage.
- H412 — Harmful to aquatic life with long lasting effects.

Supplementary statement(s)

Oxidising agent (see Section 10) — keep away from combustibles. Dust may form an explosive mixture in air.

Precautionary statement(s) Prevention

- P260 — Do not breathe dust / gas / mist / vapours / spray.
- P262 — Do not get in eyes, on skin or on clothing.
- P264 — Wash hands 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.
- 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.
- P363 — Wash contaminated clothing before reuse.
- 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.
- P321 — Specific treatment (see First Aid Measures).

Precautionary statement(s) Storage

- P410+P403 — Protect from sunlight. Store in a well-ventilated place.
- P405 — Store locked up. Keep dry and away from combustibles.

Precautionary statement(s) Disposal

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

Other hazards

Oxidising agent — keep away from combustibles. Decomposes above 80 °C; moisture / impurities (rust, dust, ash) reduce stability and may accelerate decomposition. Dust may form explosive atmospheres.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures.

Mixtures

CAS No.	% [weight]	Name	Classification
70693-62-8	> 99 – 100	Potassium peroxymonosulphate (triple salt)	Acute Tox. 4 (H302); Skin Corr. 1B (H314); Aquatic Chronic 3 (H412) — not listed on HCIS; per supplier data (serious eye damage subsumed by Skin Corr. 1B)
Not Provided	Balance	Not Provided	Not Provided

SECTION 4 First aid measures

Description of first aid measures

Eye Contact

Small amounts can cause irreversible tissue damage and blindness. Immediately rinse with plenty of water, holding the eye wide open; remove contact lenses. Continue rinsing during transport to hospital. Seek immediate medical attention.

Skin Contact

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Corrosive — causes burns; if symptoms persist, call a physician. Wash contaminated clothing before reuse.

Inhalation

Move person into fresh air. If unconscious, place in the recovery position. Keep the respiratory tract clear. Call a physician / poison centre immediately.

Ingestion

Keep the respiratory tract clear. Do NOT induce vomiting. Rinse mouth thoroughly with water. Call a physician immediately. Contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 764 766).

Most important symptoms and effects, both acute and delayed

Harmful if swallowed; corrosive — causes severe skin and eye burns (blindness possible). Inhalation of dust / aerosol causes respiratory irritation, inflammation and possible pulmonary oedema (delayed). Ingestion causes GI burns and oxygen-release distension.

Indication of any immediate medical attention and special treatment needed

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

Use carbon dioxide or dry chemical. Do NOT use a high-volume water jet. Cool closed containers exposed to fire with water spray.

Special hazards arising from the substance or mixture

Fire Incompatibility

Oxidiser. Incompatible with accelerators, strong acids / bases, heavy-metal salts, reducers, impurities (rust, dust, ash) and ignition sources. Toxic / caustic fumes build up in fire.

Advice for firefighters

Fire Fighting

Wear positive-pressure self-contained breathing apparatus (SCBA) and full protective clothing. Stay upwind; keep out of low areas; eliminate ignition sources.

Fire / Explosion Hazard

Oxidising acid solid. Supports combustion; toxic fumes (sulphur oxides) on decomposition; dust-explosion risk.

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.

Wear full protective clothing (Section 8). Evacuate non-essential personnel. Increase ventilation. Avoid walking through spilled product (slippery). Eliminate ignition sources. Use clean, non-sparking tools. Do NOT let product reach drains / waterways.

Environmental precautions

Prevent product entering drains or waterways. Discharge to the environment must be avoided. If contamination occurs, advise the Environmental Protection Authority / local services.

Methods and material for containment and cleaning up

Minor Spills

For small spills, dilute with lots of water and rinse away (where permitted) or absorb with inert material (soil, sand) — NOT textiles / sawdust / combustibles. Collect in labelled 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. Wear full PPE including SCBA. Contain, absorb and collect as above. Notify the Environmental Protection Authority.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling

Ensure an eye bath and safety shower are available. Avoid contact with eyes / skin / clothing; do not inhale dust. Keep away from combustibles and ignition sources — no smoking. Avoid dust formation. Product is hygroscopic — protect from moisture; avoid impurities (rust / dust / ash) which risk decomposition. Bond / ground equipment. Use PPE per Section 8.

Other information

Never pour residue back into the storage container (decomposition risk). Reseal opened containers and keep upright. Keep away from food / feed. Store apart from incompatible substances.

Conditions for safe storage, including any incompatibilities

Suitable container

Store in a cool, dry, well-ventilated area, locked up, protected from sunlight and moisture. Keep containers tightly closed and upright. Store apart from combustibles, reducers, acids / bases, heavy-metal salts and other incompatible / dangerous substances (see Section 10).

Storage incompatibility

Accelerators; strong acids and bases; heavy-metal salts; reducing agents; impurities (rust, dust, ash); combustibles; ignition sources; moisture. Store away from incompatible materials (see Section 10).

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

Reference: Safe Work Australia, "Workplace Exposure Limits for Airborne Contaminants" (April 2024) by Safe Work Australia.

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
SWA WEL 2024	Dust not otherwise specified	Potassium peroxymonosulphate (dust)	10 mg/m ³ (inspirable) / 3 mg/m ³ (respirable)	Not assigned in SWA WEL 2024	Not assigned in SWA WEL 2024	No specific WEL; control to dust (n.o.s.) limits. Supplier DNELs: inhalation 0.28 mg/m ³ (long-term) / 50 mg/m ³ (acute).

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
Potassium peroxymonosulphate	Refer DOE PAC —	Refer DOE PAC —	Refer DOE PAC —
Ingredient	Original IDLH		Revised IDLH

Potassium peroxymonosulphate	Not established (NIOSH)	Not established (NIOSH)
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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 multi-purpose / ABEK filter where dust / mist control is inadequate (AS/NZS 1715 & 1716).

Body protection

See Other protection below.

Other protection

Long-sleeved chemical-resistant protective clothing and apron (PVC or equivalent)

Respiratory protection

If a risk assessment indicates an inhalation risk exists, wear a half-face or full-face respirator with appropriate filter (selection per AS/NZS 1715; respirator per AS/NZS 1716). Specific cartridge / canister recommendation to be confirmed during respiratory protection risk assessment per AS/NZS 1715.

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Property	Value
Appearance	Solid — white
Physical state	Solid (granular / powder)
Odour	Odourless
Odour threshold	No data available in source SDS
pH (as supplied)	2 – 3 (10 g/L) — acidic
Melting point / freezing point (°C)	Decomposes
Initial boiling point and boiling range (°C)	Not applicable — decomposes
Flash point (°C)	Not applicable — non-combustible oxidiser
Evaporation rate	Not applicable
Flammability	Non-combustible — oxidiser (supports combustion); dust-explosion hazard
Upper Explosive Limit (%)	Not applicable (dust — refer dust assessment)
Lower Explosive Limit (%)	Not applicable (dust — refer dust assessment)
Vapour pressure (kPa)	No data available in source SDS
Solubility in water	300 g/L at 20 °C
Vapour density (Air = 1)	Not applicable
Relative density (Water = 1)	~1.1 g/cm ³ (bulk)

Partition coefficient n-octanol/water	Not applicable — ionic
Auto-ignition temperature (°C)	Not applicable — non-combustible
Decomposition temperature (°C)	> 80 °C
Viscosity (cSt)	Not applicable — solid
Molecular weight (g/mol)	614.7 g/mol (triple salt)
Taste	Not applicable — do not taste
Explosive properties	Dust may form explosive mixtures in air
Oxidising properties	Oxidising agent (see Section 10)
Surface Tension (dyn/cm or mN/m)	Not applicable
Volatile Component (% vol)	None (releases oxygen on decomposition)
Gas group	Not applicable
pH as a solution (1%)	Acidic (~2–3)
VOC g/L	0 g/L — inorganic oxidiser; 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. Even small amounts of moisture or impurities can reduce the self-accelerating decomposition temperature (SADT).
Possibility of hazardous reactions	Irritant / caustic / flammable / toxic gases and vapours can develop in fire / decomposition. Hazardous polymerisation will not occur.
Conditions to avoid	Excessive heat / elevated temperature; sunlight; flame / ignition sources; shock; dust generation; moisture / high humidity; incompatible materials.
Incompatible materials	See Section 7. Accelerators; strong acids / bases; heavy-metal salts; reducers; impurities (rust / dust / ash).
Hazardous decomposition products	Steam, oxygen and sulphur oxides; oxygen supports combustion.

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled

Corrosive — inhalation of dust / aerosol causes respiratory-tract irritation / inflammation and possible pulmonary oedema (delayed).

Ingestion

Harmful if swallowed (H302); corrosive — GI burns; oxygen release can distend / bleed the stomach mucosa.

Skin Contact

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

Eye

Corrosive — causes burns; small amounts can cause irreversible damage / blindness.

Chronic

No specific chronic data in source SDS.

Per-ingredient toxicity

Ingredient	TOXICITY	IRRITATION
Potassium peroxymonosulphate	Acute Tox. 4 (oral); supplier DNELs: inhalation 0.28 mg/m ³ (long-term) / 50 mg/m ³ (acute); dermal 20 mg/kg bw/day (long-term)	Corrosive (Skin Corr. 1A / serious eye damage)

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	Not available
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SECTION 12 Ecological information

Toxicity

Ingredient	Endpoint	Test Duration	Species	Value	Source
Potassium peroxymonosulphate	LC50 (rainbow trout, <i>Oncorhynchus mykiss</i>)	96 h	Fish	53 mg/L (NOEC 27 mg/L)	AGent SDS
Potassium peroxymonosulphate	Chronic NOEC (<i>Daphnia</i> / fish)	37 d / 96 h	<i>Daphnia</i> / sheepshead minnow	NOEC 0.267 mg/L (<i>Daphnia</i>); 0.444 mg/L (<i>Cyprinodon variegatus</i> , 37 d)	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
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Potassium peroxymonosulphate	Not PBT / vPvB. Decomposes / reduces in the environment to sulphate salts.	Not applicable — solid.
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Bioaccumulative potential

Ingredient	Bioaccumulation
Potassium peroxymonosulphate	Not expected to bioaccumulate (inorganic; decomposes).

Mobility in soil

Ingredient	Mobility
Potassium peroxymonosulphate	Soluble and mobile in water; decomposes to sulphate.

Other adverse effects

Harmful to aquatic life with long lasting effects (H412). Avoid uncontrolled discharge to waterways.

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. Recover / treat where possible; handle residue as hazardous waste.

SECTION 14 Transport information

Labels Required	Class 8 (Corrosive) — see ADG Table 3.2.3
Marine Pollutant	No
HAZCHEM Code	2X

Land transport (ADG)

UN number	3260
UN proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (potassium peroxymonosulphate)
Transport hazard class(es)	Class 8 (Corrosive); Subsidiary Hazard: Not Applicable
Packing group	II
Environmental hazard	Not Applicable
Special precautions for user	ADG Table 3.2.3 (UN 3260 PG II): n.o.s. entry requires the technical name in the shipping description. Special Provisions: 274 — This generic/N.O.S. entry requires the Proper Shipping Name to be supplemented with a recognized technical or chemical name in rounded brackets. Limited Quantities (LQ): Dangerous goods exemptions apply for road/rail transport when packed in inner packagings with a net mass not exceeding 1 kg and outer packagings with a gross mass not exceeding 30 kg. Excepted Quantities (EQ): Code E2 applies. Maximum net quantity per inner packaging is 30 g. Maximum net quantity per outer packaging is 500 g.
ERG / EIP number	ANZ-ERG 2024 Guide 154 (Substances - Toxic and/or Corrosive, Non-Combustible).

Air transport (ICAO-IATA / DGR)

UN number	3260
UN proper shipping name (lowercase)	Corrosive solid, acidic, inorganic, n.o.s. (potassium peroxymonosulphate)
ICAO/IATA Class	Class 8; ERG Code: Not Applicable — AGent does not air-freight
Packing group	II
Environmental hazard	Not Applicable
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	3260
UN proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (potassium peroxymonosulphate)

IMDG Class	Class 8
Packing group	II
Environmental hazard	Not a Marine Pollutant
EMS Number	F-A, S-B
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
Potassium Peroxymonosulphate	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
Potassium Peroxymonosulphate	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

POTASSIUM PEROXYMONOSULPHATE (CAS 70693-62-8) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Not Listed; Acute Tox. 4 (H302); Skin Corr. 1B (H314); Aquatic Chronic 3 (H412) per supplier data
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 6 (S6)
- 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 — 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

Revision Date	July 2026
Initial Date	June 2026 (AGent 2026 format)

SDS Version Summary

Version	Date of Update	Sections Updated
2026.02 (AGent 2026 format)	July 2026	§3 ingredient classification(s) harmonised to the substance-level determination for CAS 70693-62-8 (SWA HCIS where listed; documented supplier basis otherwise) — cross-CAS consistency triage, 24 July 2026. Substance classification is a property of the CAS number and must be identical across all AGent SDS.
2026.01 (AGent 2026 format); earlier: V2.2 (legacy AGent format)	June 2026	Reformatted from legacy V2.2 to AGent 2026 layout. §8 updated to SWA WEL 2024 (dust n.o.s.; supplier DNELs retained); §14 ERG updated to ANZ-ERG 2024 Guide 154 (was legacy HB76 EIP 37); removed superseded legacy abbreviations and exposure-standard references; AICS→AIIC. Classification consolidated: Skin Corr 1A (H314) subsumes the separately-listed Eye Dam 1 (H318). DG status unchanged (UN 3260 Class 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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