



Bromochlorodimethylhydantoin-BCDMH

AGent

AGent SDS: Bromochlorodimethylhydantoin-BCDMH [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	Bromochlorodimethylhydantoin-BCDMH
Chemical Name	1-Bromo-3-chloro-5,5-dimethylhydantoin
Synonyms	BCDMH; pool & spa bromine; brominating tablets
Proper shipping name	OXIDISING SOLID, CORROSIVE, N.O.S. (contains 1-bromo-3-chloro-5,5-dimethylhydantoin)
Chemical formula	C ₅ H ₆ BrClN ₂ O ₂
Other means of identification	Bromochlorodimethylhydantoin-BCDMH [2026.02]

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

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

Details of the manufacturer or supplier of the safety data sheet

Registered company name	AGent Sales & Services Pty Ltd
Address	38 May Holman Drive, Bassendean WA 6054, Australia
Telephone	(+61 8) 6270 4500 / 1300 833 844
Website	agentsales.com.au
Email	admin@agentsales.com.au

Emergency telephone number

Association / Organisation	Hazrad (outside 24-hour emergency response provider)
Emergency telephone numbers	08 9418 4200 (24-hour) — 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 Substance with Subsidiary Risk 8 (Corrosive); skin sensitiser; environmentally hazardous.

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

- Oxidising Solids Category 2 — H272
- Acute Toxicity (Oral) Category 4 — H302
- Skin Corrosion/Irritation Category 1B — H314

- Skin Sensitisation Category 1 — H317
- Hazardous to the Aquatic Environment (Acute) Category 1 — H400

Label elements

Hazard pictogram(s)	
Signal word	DANGER

Hazard statement(s)

- H272 — May intensify fire; oxidiser.
- H302 — Harmful if swallowed.
- H314 — Causes severe skin burns and eye damage.
- H317 — May cause an allergic skin reaction.
- H400 — Very toxic to aquatic life.

Supplementary statement(s)

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

Precautionary statement(s) Prevention

- P210 — Keep away from heat.
- P220 — Keep / store away from clothing and combustible materials.
- P221 — Take any precaution to avoid mixing with combustibles.
- P232 — Protect from moisture.
- P260 — Do not breathe dust or mist.
- P264 — Wash skin thoroughly after handling.
- P270 — Do not eat, drink or smoke when using this product.
- P273 — Avoid release to the environment.
- P280 — Wear protective gloves / protective clothing / eye protection / face protection.
- P272 — Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s) Response

- P301+P330+P331 — IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P301+P312 — Call a POISON CENTRE / doctor if you feel unwell.
- P303+P361+P353 — IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P333+P313 — If skin irritation or rash occurs: Get medical advice.
- P363 — Wash contaminated clothing before reuse.
- P304+P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P321 — Specific treatment (see first aid measures in Section 4).
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P310 — Immediately call a POISON CENTRE / doctor.
- P370+P378 — In case of fire: Use dry sand, dry chemical or alcohol-resistant foam.
- P391 — Collect spillage.

Precautionary statement(s) Storage

- P405 — Store locked up.
- P410 — Protect from sunlight.
- P402+P404 — Store in a dry place, in a closed container. Keep cool and well-ventilated.

Precautionary statement(s) Disposal

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

Other hazards

Strong oxidiser. Contact with acids liberates toxic chlorine / bromine gas. Moderate explosion risk in a fire.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures.

Mixtures

CAS No.	% [weight]	Name	Classification
16079-88-2	96	1-Bromo-3-chloro-5,5-dimethylhydantoin	Ox. Sol. 2 (H272); Acute Tox. 4 (H302); Skin Corr. 1B (H314); Skin Sens. 1 (H317); Aquatic Acute 1 (H400)
Not Provided	Balance (non-hazardous binders)	Non-hazardous ingredients	Not classified

SECTION 4 First aid measures

Description of first aid measures

Eye Contact

Quickly and gently brush particles from the eyes. Immediately flush with lukewarm gently-flowing water for at least 60 minutes, holding eyelids open. Do NOT interrupt flushing. Call a Poisons Information Centre or doctor urgently.

Skin Contact

Quickly and gently brush away excess particles. Remove contaminated clothing, shoes and leather goods. Flush the area with lukewarm gently-flowing water for at least 20-30 minutes. Do NOT interrupt flushing. Seek medical attention.

Inhalation

Move victim to fresh air. If breathing is difficult, give oxygen (trained personnel). Do NOT allow the victim to move about unnecessarily. Symptoms of pulmonary oedema can be delayed up to 48 hours. Seek medical attention.

Ingestion

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

Most important symptoms and effects, both acute and delayed

Corrosive to eyes, skin and respiratory tract — burns may be delayed in onset. Skin sensitiser. Ingestion causes burns to the GI tract. Inhalation may cause pulmonary oedema (delayed).

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 large quantities of water only. Do NOT use dry chemical or ammonium-phosphate extinguishers (violent reaction). Smothering is ineffective (oxidiser).

Special hazards arising from the substance or mixture

Fire Incompatibility

Strong oxidiser — intensifies fire. Decomposition / fire gases (chlorine, bromine, oxides) are toxic. Moderate explosion risk in commercial quantities.

Advice for firefighters

Fire Fighting

Wear self-contained breathing apparatus (SCBA) and suitable protective clothing. Take appropriate precautions for oxidiser fire.

Fire / Explosion Hazard

Class 5.1 Oxidising Substance. Accelerates combustion; toxic halogen fumes on decomposition.

HAZCHEM Code	1W
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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 respiratory protection. Avoid dust formation and breathing dust / vapours / gas. Ensure adequate ventilation. Evacuate non-essential personnel.

Environmental precautions

Very toxic to aquatic life — prevent product entering drains or waterways. If contamination occurs, advise local emergency services. See Section 12.

Methods and material for containment and cleaning up

Minor Spills

Sweep up using clean, non-sparking tools; collect with a protected vacuum or wet-brushing into clean containers for disposal per Section 13. Do NOT flush with water. Do NOT return spilled product to the original container.

Major Spills

Isolate the area; eliminate ignition sources and combustibles. Wear SCBA and full PPE. Collect with non-sparking equipment. Keep away from acids and combustibles. Notify the Environmental Protection Authority.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling

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

Other information

Moisture sensitive — keep dry. Take precautions against static discharge. Sensitised individuals must not be exposed.

Conditions for safe storage, including any incompatibilities

Suitable container

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

Storage incompatibility

Incompatible with acids, bases, reducing agents, oxidisable / combustible materials, ammonium, urea and nitrogen compounds, chloroisocyanurates. Store away from heat, ignition sources and acids. Segregate per ADG Code segregation rules."

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

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

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
SWA WEL 2024	Chlorine (liberated on acidification / decomposition)	Chlorine (CAS 7782-50-5)	Not assigned (peak limitation applies)	Not assigned in SWA WEL 2024	1 ppm (2.9 mg/m ³) — peak limitation	SWA WEL 2024 chlorine Peak Limitation 1 ppm.
SWA WEL 2024	BCDMH	1-Bromo-3-chloro-5,5-dimethylhydantoin (CAS 16079-88-2)	Not assigned in SWA WEL 2024	Not assigned in SWA WEL 2024	Not assigned in SWA WEL 2024	No workplace exposure limit assigned to BCDMH.

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
BCDMH	Not established (DOE PAC)	Not established (DOE PAC)	Not established (DOE PAC)
Ingredient	Original IDLH		Revised IDLH
BCDMH	Not established (NIOSH)		Not established (NIOSH)

MATERIAL DATA

No whole-mixture occupational exposure data are available; manage on a per-component basis (above).

Exposure controls

Appropriate engineering controls

Apply the hierarchy of controls (WHS Reg 36). Where elimination or substitution is not reasonably practicable: provide local exhaust ventilation at points of vapour / mist generation; use closed transfer systems where possible; ensure general ventilation is adequate to keep airborne concentrations below the applicable WEL. Document the risk assessment supporting the chosen control hierarchy.

Individual protection measures, such as personal protective equipment

Eye and face protection

Safety glasses with side shields (AS/NZS 1336 & 1337) as a minimum. Chemical goggles and a face shield (AS/NZS 1336 & 1337) where splash potential exists.

Skin protection

See Hand protection below.

Hands/feet protection

Wear chemical-resistant gloves and protective clothing per AS/NZS 2161 / 2210. Inspect gloves before use; dispose of contaminated gloves and wash hands. Face shield and safety glasses / goggles; P3 / N100 respirator where dust risk exists (sensitiser).

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 (tablet) — white
Physical state	Solid (tablet)
Odour	Chlorine / bromine
Odour threshold	No data available in source SDS
pH (as supplied)	3.4 – 3.6 @ 0.1% solution
Melting point / freezing point (°C)	Not available in source SDS
Initial boiling point and boiling range (°C)	Not applicable — decomposes
Flash point (°C)	Not applicable — non-combustible oxidiser
Evaporation rate	Not applicable — solid
Flammability	Not flammable (oxidiser — supports combustion)
Upper Explosive Limit (%)	Not applicable
Lower Explosive Limit (%)	Not applicable
Vapour pressure (kPa)	Not applicable — solid

Solubility in water	1.50 g/L @ 20 °C (hydrolyses, releasing active halogen)
Vapour density (Air = 1)	Not applicable — solid
Relative density (Water = 1)	Not available in source SDS
Partition coefficient n-octanol/water	Not available in source SDS
Auto-ignition temperature (°C)	Not applicable — non-combustible oxidiser
Decomposition temperature (°C)	Approx. > 140 °C
Viscosity (cSt)	Not applicable — solid
Molecular weight (g/mol)	241.46 g/mol
Taste	Not applicable — do not taste
Explosive properties	None — but strong oxidiser; fire / explosion risk with combustibles
Oxidising properties	Oxidising solid (Category 2) — H272
Surface Tension (dyn/cm or mN/m)	Not applicable — solid
Volatile Component (% vol)	Not applicable — solid
Gas group	Not applicable
pH as a solution (1%)	Approximately 3 (acidic; releases active halogen)
VOC g/L	0 g/L — solid; no VOC

SECTION 10 Stability and reactivity

Reactivity	Reacts with acids liberating toxic chlorine / bromine gas. Forms explosive mixtures with oxidisable cyanurates. See Section 7.
Chemical stability	Stable under normal dry storage; unlikely to react / decompose under normal conditions.
Possibility of hazardous reactions	Reacts with ammonia, urea and amines forming reactive / toxic chloramines.
Conditions to avoid	Moisture; poor ventilation; contamination; excessive heat; sparks; open flames; ignition sources.
Incompatible materials	See Section 7. Acids; bases; reducing agents; oxidisable / combustible materials; ammonium / urea / nitrogen compounds.
Hazardous decomposition products	See Section 5. Chlorine, bromine and oxides of chlorine, bromine and carbon.

SECTION 11 Toxicological information

Information on toxicological effects

Inhaled

Corrosive to the respiratory tract — extreme pain, copious mucous; pulmonary oedema possible (life-threatening if exposure prolonged).

Ingestion

Oral irritant — burning, reddening of mouth / throat; may cause chemical burns to the GI tract.

Skin Contact

Corrosive — moderate to severe burns with ulceration; may penetrate to deeper layers (third-degree burns). Skin sensitiser (H317).

Eye

Very corrosive — severe pain and corrosion; permanent blindness / facial scarring if untreated.

Chronic

Skin sensitisation. No other specific chronic data in the source SDS.

Per-ingredient toxicity

Ingredient	TOXICITY	IRRITATION
BCDMH	Oral LD50 (rat): 578 mg/kg	Corrosive (Skin Corr. 1B / serious eye damage); skin sensitiser
Not applicable	Not applicable	Not applicable

Hazard checklist (whole-product classification basis)

Hazard endpoint	Classified	Hazard endpoint	Classified
Acute Toxicity	✓	Carcinogenicity	—
Skin Irritation/Corrosion	✓	Reproductive Toxicity	—
Serious Eye Damage/Irritation	✓	STOT — Single Exposure	—
Respiratory or Skin Sensitisation	✓	STOT — Repeated Exposure	—
Mutagenicity	—	Aspiration Hazard	—

Legend: ✓ = Data available to make classification; — = Data either not available or does not fill the criteria for classification.

Information on possible routes of exposure

Absorbed by ingestion and inhalation; corrosive on skin / eye contact.

Additional Information

RTECS	NH3485000
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SECTION 12 Ecological information

Toxicity

Ingredient	Endpoint	Test Duration	Species	Value	Source
BCDMH	Aquatic Acute 1 (H400)	General	Aquatic organisms (general)	Toxic to aquatic life (active halogen release); avoid all discharge	AGent SDS (\$12.5)
BCDMH	No quantitative data	Not Provided	Not Provided	No quantitative LC50 in source SDS	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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BCDMH	Hydrolyses in water releasing active halogen (hypobromous / hypochlorous acid); halogen oxidant dissipates over time.	Not applicable — non-volatile solid.
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Bioaccumulative potential

Ingredient	Bioaccumulation
BCDMH	Not expected to bioaccumulate (reactive halogen-releasing solid).

Mobility in soil

Ingredient	Mobility
BCDMH	Limited water solubility; releases mobile active halogen on contact with water.

Other adverse effects

Very toxic to aquatic life (H400). Avoid all uncontrolled discharge to waterways, drains and sewers.

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal

- Recycle wherever possible.
- Ensure waste disposal conforms to all relevant local, state and federal authority waste disposal regulations.
- Do NOT discharge into sewers or waterways.
- Empty containers should be returned via AGent's Closed Loop container return program where applicable.
- Whatever cannot be saved for recovery or recycling should be managed through an approved waste disposal facility.
- Untreated product must NEVER be discharged to sewers or surface water. Handle as hazardous oxidiser waste; keep separate from combustibles and acids.

SECTION 14 Transport information

Labels Required	Class 5.1 (Oxidising Agent) + Subsidiary Risk 8 (Corrosive) — see ADG Table 3.2.3
Marine Pollutant	Yes
HAZCHEM Code	1W

Land transport (ADG)

UN number	3085
UN proper shipping name	OXIDISING SOLID, CORROSIVE, N.O.S. (contains 1-bromo-3-chloro-5,5-dimethylhydantoin)
Transport hazard class(es)	Class 5.1 (Oxidising Substance); Subsidiary Hazard: Class 8 (Corrosive)
Packing group	II
Environmental hazard	Environmentally hazardous (very toxic to aquatic life)
Special precautions for user	ADG Table 3.2.3 (UN 3085 PG II): Special provisions: 274 - supplement PSN with the technical name, limited quantity: 1kg, excepted quantity: E2, packaging: P002
ERG / EIP number	ANZ-ERG 2024 Guide 140 (Oxidisers).

Air transport (ICAO-IATA / DGR)

UN number	3085
UN proper shipping name (lowercase)	Oxidising solid, corrosive, n.o.s. (contains bromochlorodimethylhydantoin)
ICAO/IATA Class	Class 5.1, Subsidiary Risk 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	3085
UN proper shipping name	OXIDISING SOLID, CORROSIVE, N.O.S. (contains 1-bromo-3-chloro-5,5-dimethylhydantoin)
IMDG Class	Class 5.1, Subsidiary Risk 8
Packing group	II
Environmental hazard	Marine Pollutant
EMS Number	F-A, 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
Bromochlorodimethylhydantoin-BCDMH	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
Bromochlorodimethylhydantoin-BCDMH	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**

BCDMH (CAS 16079-88-2) is found on / assessed against the following regulatory lists:

- Australia Hazardous Chemical Information System (HCIS): Ox. Sol. 2, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 6 (S6)
- Australian Inventory of Industrial Chemicals (AIIC): Listed
- IARC Group classification: Group 3 (not classifiable)
- Schedule 10 of the model WHS Regulations (prohibited / restricted carcinogens): Not listed
- Schedule 14 of the model WHS Regulations (health monitoring trigger): Not listed

Additional Regulatory Information

Subject to: Work Health and Safety (General) Regulations 2022 (WA); "Workplace Exposure Limits for Airborne Contaminants" (April 2024) by Safe Work Australia; Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code) current edition.

National Inventory Status

Country / Inventory	Listed
Australia (AIIC / AICS)	Yes
Canada (DSL)	Not applicable — AGent does not export this product
Canada (NDSL)	Not applicable — AGent does not export this product
China (IECSC)	Not applicable — AGent does not export this product
Europe (EINECS / ELINCS / NLP)	Not applicable — AGent does not export this product
Japan (ENCS)	Not applicable — AGent does not export this product
Korea (KECI)	Not applicable — AGent does not export this product
New Zealand (NZIoC)	Not applicable — AGent does not export this product
Philippines (PICCS)	Not applicable — AGent does not export this product
USA (TSCA)	Not applicable — AGent does not export this product
Taiwan (TCSI)	Not applicable — AGent does not export this product
Mexico (INSQ)	Not applicable — AGent does not export this product
Vietnam (NCI)	Not applicable — AGent does not export this product
Russia (FBEPH)	Not applicable — AGent does not export this product

Legend: Yes = All CAS declared ingredients are on the inventory; No = One or more CAS listed ingredients are not on the inventory (may be exempt or require registration).

SECTION 16 Other information

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

SDS Version Summary

Version	Date of Update	Sections Updated
2026.02	July 2026	§14 transport reclassified: UN 1479 → UN 3085 OXIDISING SOLID, CORROSIVE, N.O.S., Class 5.1 with Subsidiary Risk 8 (Corrosive), PG II; HAZCHEM 1Y → 1W; IMDG EMS F-A, S-B → F-A, S-Q. Corrects the UN number inherited from the legacy SDS — the Skin Corr. 1B (H314) classification requires the Class 8 subsidiary (consistent with major supplier SDS).
2026.01 (AGent 2026 format)	June 2026	Reformatted from legacy V2.2 (March 2023, older format; UN 1479) to AGent 2026 layout. §8 updated to SWA WEL 2024 (chlorine peak); §14 ERG updated to ANZ-ERG 2024 Guide 140; removed superseded legacy abbreviations and exposure-standard references; AICS updated to AIIC. Reconciled the §2 label (which omitted H317/H400) to the full classification list. DG Class 5.1 PG II; S6; marine pollutant.

Other information

This SDS is intended as a hazard communication tool to assist in workplace Risk Assessment. It is not an Australian Standard or a definitive document.

Definitions and abbreviations

Abbreviation	Definition
ADG	Australian Dangerous Goods Code
AICS / AIIC	Australian Inventory of Industrial Chemicals (formerly AICS)
AUH	Additional / Australian Hazard statements
BCF	Bioconcentration Factor
BEI	Biological Exposure Index
CAS	Chemical Abstracts Service Registry Number
DNEL	Derived No Effect Level
DSEN	Dermal sensitiser (SWA WEL 2024 notation)
EC50	Effect Concentration causing effect in 50% of test population
EMS	IMDG Emergency Schedule
ERG / EIP	Emergency Response Guide / Emergency Information Panel (SAA/SNZ HB76)
ES	Exposure Standard (legacy term — now WEL)
GHS	Globally Harmonised System of Classification and Labelling
HCIS	Hazardous Chemical Information System (Safe Work Australia)
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Health
LC50	Lethal Concentration causing death in 50% of test population
LD50	Lethal Dose causing death in 50% of test population
LOAEL	Lowest Observed Adverse Effect Level
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OEL	Occupational Exposure Limit
OTO	Ototoxic (SWA WEL 2024 notation)
PC-STEL	Permissible Concentration — Short Term Exposure Limit
PC-TWA	Permissible Concentration — Time Weighted Average
PNEC	Predicted No Effect Concentration
RSEN	Respiratory sensitiser (SWA WEL 2024 notation)

SDS	Safety Data Sheet
Sk	Skin notation — absorption through the skin a significant route
STEL	Short Term Exposure Limit (15 min TWA)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TEEL	Temporary Emergency Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average (8 hr / 40 hr week)
WEL	Workplace Exposure Limit (Safe Work Australia, April 2024)
WHS	Work Health and Safety

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