

# SAFETY DATA SHEET

## 5X Inlet Buffers

### Section 1. Identification

**Product identifier** : 5X Inlet Buffers

**Part no.** : DNF-325-0075, DNF-325-0010, DNF-355-0125, DNF-355-0300, DNF-355-0500, NDF-450-0300

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

**Identified uses** : Analytical reagent.  
 DNF-325-0075 5x Inlet Buffer, 75mL  
 DNF-325-0010 5x Inlet Buffer, 10mL  
 DNF-355-0125 5x 930 dsDNA Inlet Buffer, 125mL  
 DNF-355-0300 5x 930 dsDNA Inlet Buffer, 300mL  
 DNF-355-0500 5x 930 dsDNA Inlet Buffer, 500mL  
 NDF-450-0300 5x 600mer DNA Inlet Buffer, 300mL

**Supplier/Manufacturer** : Agilent Technologies Australia Pty Ltd  
 679 Springvale Road  
 Mulgrave  
 Victoria 3170, Australia  
 1800 802 402

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +(61)-290372994

### Section 2. Hazard(s) identification

#### Classification of the substance or mixture

H314 SKIN CORROSION/IRRITATION - Category 1A  
 H318 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1  
 H317 SKIN SENSITISATION - Category 1  
 H360 REPRODUCTIVE TOXICITY - Category 1  
 H335 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1.4%

#### GHS label elements

##### Hazard pictograms



**Signal word** : DANGER

**Hazard statements** : H314 - Causes severe skin burns and eye damage.  
 H317 - May cause an allergic skin reaction.  
 H335 - May cause respiratory irritation.  
 H360 - May damage fertility or the unborn child.

#### Precautionary statements

**Prevention** : P201 - Obtain special instructions before use.  
 P280 - Wear protective gloves, protective clothing and eye or face protection.

**Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.  
 P304 + P310 - IF INHALED: Immediately call a POISON CENTER or doctor.

**Storage** : P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

## Section 2. Hazard(s) identification

**Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

### Supplemental label elements

**Additional warning phrases** : Not applicable.

**Other hazards which do not result in classification** :  Causes digestive tract burns.

## Section 3. Composition and ingredient information

**Substance/mixture** : Mixture

Ingredient name	% (w/w)	Identifiers
triethylamine	≤3	CAS: 121-44-8 EC: 204-469-4
boric acid	≤1	CAS: 10043-35-3 EC: 233-139-2
2-Methyl-2H-isothiazol-3-one	<0.1	CAS: 2682-20-4 EC: 220-239-6


There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.


The total concentration of ingredients in this product, reported or not in this section, is 100%.


Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

**Eye contact** :  Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

**Inhalation** :  Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin contact** :  Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

**Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.  
**Inhalation** : May cause respiratory irritation.  
**Skin contact** : Causes severe burns. May cause an allergic skin reaction.  
**Ingestion** : Corrosive to the digestive tract. Causes burns.

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
 pain  
 watering  
 redness

**Inhalation** : Adverse symptoms may include the following:  
 respiratory tract irritation  
 coughing  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations

**Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations

**Ingestion** : Adverse symptoms may include the following:  
 stomach pains  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides


**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Hazchem code** : X

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** :  No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".


**Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and material for containment and cleaning up

**Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** :  Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

## Section 7. Handling and storage

### Advice on general occupational hygiene

- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### Conditions for safe storage, including any incompatibilities

- Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls and personal protection

### Control parameters

### Occupational exposure limits

Ingredient name	Exposure limits
Trimethylamine	<b>Safe Work Australia (Australia, 1/2024)</b> STEL 15 minutes: 17 mg/m <sup>3</sup> . STEL 15 minutes: 4 ppm. TWA 8 hours: 8 mg/m <sup>3</sup> . TWA 8 hours: 2 ppm.
boric acid	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Borate compounds, Inorganic] A4.</b> TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Inhalable fraction. STEL 15 minutes: 6 mg/m <sup>3</sup> . Form: Inhalable fraction.
2-Methyl-2H-isothiazol-3-one	<b>DFG MAC-values list (Germany, 7/2024)</b> Skin sensitiser.

### Biological exposure indices

No exposure indices known.

### Appropriate engineering controls

- Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Environmental exposure controls

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

- Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

## Section 8. Exposure controls and personal protection

### Skin protection

#### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

#### Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

#### Physical state

: Liquid.

#### Colour

: Not available.

#### Odour

: Not available.

#### Odour threshold

: Not available.

#### pH

: 7.15 to 7.55

#### Melting point/freezing point

: Not available.

#### Boiling point or initial boiling point and boiling range

: Not available.

#### Flash point

Ingredient name	Closed cup			Open cup		
	°C	°F	Method	°C	°F	Method
Trimethylamine	-7	19.4	-	-21.67	-7	-

#### Evaporation rate

: Not available.

#### Flammability

: Not applicable.

#### Lower and upper explosion limit/flammability limit

: Not available.

#### Vapour pressure

Ingredient name	Vapour Pressure at 20 °C			Vapour pressure at 50 °C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
Trimethylamine	54.00459	7.2	-	197.27	26.3	-
water	17.5	2.3	-	92.258	12.3	-

#### Relative vapour density

: Not available.

#### Relative density

: Not available.

#### Solubility(ies)

Media	Result
water	Soluble

#### Miscible with water

: Yes.

## Section 9. Physical and chemical properties and safety characteristics

<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): Not available.

### Particle characteristics

<b>Median particle size</b>	: Not applicable.
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## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: May react or be incompatible with oxidising materials.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result
Triethylamine	Rabbit - Dermal - LD50 416 mg/kg Rat - Oral - LD50 460 mg/kg Rat - Inhalation - LC50 Vapour 5.2 mg/l [4 hours]
boric acid	Rat - Male, Female - Inhalation - LC50 Vapour 3496 ppm [1 hours] Rabbit - Male, Female - Dermal - LD50 >2000 mg/kg Rat - Male, Female - Inhalation - LC50 Dusts and mists >2.12 mg/l [4 hours]
2-Methyl-2H-isothiazol-3-one	Rat - Male, Female - Oral - LD50 285.5 mg/kg Rat - Male, Female - Dermal - LD50 242 mg/kg Rat - Male, Female - Inhalation - LC50 Dusts and mists 0.11 mg/l [4 hours]

<b>Conclusion/Summary [Product]</b>	: Not available.
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#### Skin corrosion/irritation

<b>Conclusion/Summary [Product]</b>	: Not available.
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#### Serious eye damage/eye irritation

<b>Conclusion/Summary [Product]</b>	: Not available.
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Ingredient name	Conclusion/Summary
Boric acid	Slightly irritating to the eyes.



## Section 11. Toxicological information

### Respiratory corrosion/irritation

**Conclusion/Summary** : Not available.  
**[Product]**

### Respiratory or skin sensitization

#### **Skin**

**Conclusion/Summary** : May cause skin sensitisation.  
**[Product]**

#### **Respiratory**

**Conclusion/Summary** : Not available.  
**[Product]**

### Germ cell mutagenicity

**Conclusion/Summary** : Not available.  
**[Product]**

### Carcinogenicity

**Conclusion/Summary** : Not available.  
**[Product]**

### Reproductive toxicity

**Conclusion/Summary** : Not available.  
**[Product]**

### Specific target organ toxicity (single exposure)

<b>Product/ingredient name</b>	<b>Result</b>
Trimethylamine	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on likely routes of exposure** : Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

### Potential acute health effects

**Eye contact** : Causes serious eye damage.  
**Inhalation** : May cause respiratory irritation.  
**Skin contact** : Causes severe burns. May cause an allergic skin reaction.  
**Ingestion** : Corrosive to the digestive tract. Causes burns.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
 pain  
 watering  
 redness



## Section 11. Toxicological information

- Inhalation** : Adverse symptoms may include the following:  
 respiratory tract irritation  
 coughing  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
 stomach pains  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

**Conclusion/Summary [Product]** : Not available.

**General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : May damage fertility or the unborn child.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
5X Inlet Buffers	6897.0	20690.9	N/A	443.3	N/A
triethylamine	100	300	N/A	7.2	N/A
boric acid	5100	N/A	N/A	N/A	N/A
2-Methyl-2H-isothiazol-3-one	285.5	242	N/A	N/A	0.11

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result		
boric acid	Chronic - NOEC - Fresh water	2100 µg/l [87 days]	Fish - Rainbow trout, donaldson trout - <i>Oncorhynchus mykiss</i>
	Chronic - NOEC - Fresh water	6000 µg/l [21 days]	Daphnia - Water flea - <i>Daphnia magna</i>
	Acute - LC50 - Fresh water	45.5 mg/l [48 hours]	Crustaceans - Water flea - <i>Ceriodaphnia dubia</i>
	Acute - LC50 - Marine water	75 mg/l [96 hours]	Fish - Red sea bream - <i>Pagrus major</i>
2-Methyl-2H-isothiazol-3-one	Acute - EC50 - Fresh water	0.18 ppm [48 hours]	Daphnia - Water flea - <i>Daphnia magna</i>
	Acute - LC50 - Fresh water	0.07 ppm [96 hours]	Fish - Rainbow trout, donaldson trout - <i>Oncorhynchus mykiss</i>
	Chronic - NOEC - Fresh water	4.93 mg/l [98 days]	Fish
	Chronic - NOEC - Fresh water	0.044 mg/l [21 days]	Daphnia
<b>Conclusion/Summary [Product]</b>	: Not available.		

### Persistence and degradability

Product/ingredient name	Result		
Trimethylamine	OECD [ Ready Biodegradability - CO2 Evolution Test]	80.3% [29 days] - Readily	Aerobic
2-Methyl-2H-isothiazol-3-one	Ready Biodegradability - Closed Bottle Test	0% [28 days] - Not readily	-
<b>Conclusion/Summary [Product]</b>	: Not available.		

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
boric acid	-	-	Not readily
2-Methyl-2H-isothiazol-3-one	-	-	Not readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Trimethylamine	1.45	<0.5 [OECD 305 C]	Low
boric acid	-1.09	-	Low
2-Methyl-2H-isothiazol-3-one	0.119	-	Low

### Mobility in soil

<b>Soil/water partition coefficient</b>	: Not available.
<b>Other adverse effects</b>	: No known significant effects or critical hazards.




## Section 13. Disposal considerations

<b>Disposal methods</b>	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its
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## Section 13. Disposal considerations

container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	ADG	IMDG	IATA
UN number	UN3265	UN3265	UN3265
UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (triethylamine)	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (triethylamine)	Corrosive liquid, acidic, organic, n.o.s. (triethylamine)
Transport hazard class(es)	8 	8 	8 
Packing group	II	II	II
Environmental hazards	No.	No.	No.

### Additional information

ADG	: <b>Hazchem code</b> 2X <b>Special provisions</b> 274
IMDG	: <b>Emergency schedules</b> F-A, S-B <b>Special provisions</b> 274
IATA	: <b>Quantity limitation</b> Passenger and Cargo Aircraft: 1 L. Packaging instructions: 851. Cargo Aircraft Only: 30 L. Packaging instructions: 855. Limited Quantities - Passenger Aircraft: 0.5 L. Packaging instructions: Y840. <b>Special provisions</b> A3, A803

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

### Standard for the Uniform Scheduling of Medicines and Poisons

Not regulated.

### Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

## Section 15. Regulatory information

Not listed.

### [UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

### [Inventory list](#)

<b>Australia</b>	: All components are listed or exempted.
<b>New Zealand</b>	: All components are listed or exempted.
<b>United States</b>	: Not determined.

## Section 16. Any other relevant information

### [History](#)

**Date of issue/Date of revision** : 26/09/2025

**Date of previous issue** : 17/04/2023

**Version** : 7

**Key to abbreviations** :

- ADG = Australian Dangerous Goods
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- N/A = Not available
- RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
- SGG = Segregation Group
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

### [Procedure used to derive the classification](#)

Classification	Justification
SKIN CORROSION/IRRITATION - Category 1A	Calculation method
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1	Calculation method
SKIN SENSITISATION - Category 1	Calculation method
REPRODUCTIVE TOXICITY - Category 1	Calculation method
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3	Calculation method

Indicates information that has changed from previously issued version.

### [Notice to reader](#)

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