



**Becton, Dickinson  
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07417 USA  
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# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

### Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
600715	BD™ ChloraPrep™ Applicator with Hi-Lite Orange™ Tint, 10.5 mL	No data available
600815	BD™ ChloraPrep™ Applicator with Hi-Lite Orange™ Tint, 26 mL	No data available

### Recommended use of the chemical and restrictions on use

**Recommended use:** Skin Antiseptic

**Restrictions on use:** For External Use Only

### Manufacturer/Importer/Distributor Information

#### Supplier

Company Name: Becton Dickinson Ltd.  
Address: 14B George Bourke Drive  
Mt Wellington, Auckland, 1060  
New Zealand

Telephone: 0800 572 468

Fax:

Contact Person: Customer Service

E-mail: nz\_customerservice@bd.com

**Emergency telephone number:** ChemTrec New Zealand: +(64)-98010034

## 2. Hazard(s) identification

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## GHS classification

### Physical Hazards

Flammable liquids Category 2

### Health Hazards

Serious Eye Damage/Eye Irritation Category 2

Specific Target Organ Toxicity -  
Single Exposure Category 3 (Narcotic effect., Respiratory tract  
irritation.)

### Environmental Hazards

Chronic hazards to the aquatic  
environment Category 3

## Label Elements

### Pictograms:



**Signal Word:** Danger

**Hazard Statement:** Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Harmful to aquatic life with long lasting effects.



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## Precautionary Statements

<b>Prevention:</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non-sparking tools. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
<b>Response:</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use water spray for extinction.
<b>Storage:</b>	Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal:</b>	Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.
<b>Other hazards which do not result in GHS classification:</b>	May cause permanent damage if permitted to enter and remain in the ears or eyes for a long period of time

## 3. Composition/information on ingredients

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## Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
2-Propanol	No data available.	67-63-0	>60 - 100%
D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1)	No data available.	18472-51-0	1 - 5%

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

## 4. First-aid measures

### Description of first aid measures

#### General information:

Get medical attention if symptoms occur.

#### Inhalation:

Move to fresh air. Get medical attention if any discomfort continues.

#### Skin Contact:

Wash skin thoroughly with soap and water.

#### Eye contact:

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

#### Ingestion:

Drink plenty of water. Get medical attention immediately.



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**Personal Protection for First-aid  
Responders:** No data available.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No data available.

**5. Fire-fighting measures**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use: Water. Water fog. Dry chemical. Alcohol foam.

**Unsuitable extinguishing media:** Not applicable

**Special hazards arising from the  
substance or mixture:** No data available.

**Special protective equipment and precautions for fire-fighters**

**Special fire-fighting procedures:** No unusual fire or explosion hazards noted.



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**Special protective equipment for fire-fighters:**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:**

See Section 8 of the SDS for Personal Protective Equipment.

**Accidental release measures:**

Considering the size of the packaging, the risk is regarded as minimal.

**Methods and material for containment and cleaning up:**

Small quantities may be flushed to drains with plenty of water. Large Spillages: Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**Environmental Precautions:**

Avoid release to the environment.

**7. Handling and storage**

**Handling**

**Technical measures:**

No data available.

**Local/Total ventilation:**

No data available.

**Safe handling advice:**

Do not eat, drink or smoke when using the product. Avoid ingestion. Avoid contact with eyes, ears, mouth  
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**Contact avoidance measures:** No data available.

## Storage

**Safe storage conditions:** Avoid contact with oxidizing agents. Store in a cool, dry place. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Store at temperature 15 - 30°C. Protect from freezing. Avoid excessive heat (40°C). Store isolated from oxidizers, ignition sources, and explosives. Consult local fire codes for additional storage information. Keep out of reach of children.

**Safe packaging materials:** No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values		Source
2-Propanol	STEL	500 ppm	1,230 mg/m <sup>3</sup>	NZ OEL (09 2010)
	TWA	400 ppm	983 mg/m <sup>3</sup>	NZ OEL (09 2010)
2-Propanol	TWA	200 ppm		ACGIH (12 2010)
	STEL	400 ppm		ACGIH (12 2010)

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

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### Biological Limit Values

Chemical name	Parameters / Sampling Time	Exposure Limit Values	Source
2-Propanol	acetone  Sampling time: End of shift at end of work week.	40 mg/l (Urine)	ACGIH BEI (03 2013)

**Appropriate Engineering Controls:** Adequate ventilation should be provided so that exposure limits are not exceeded.

### Individual protection measures, such as personal protective equipment

- General information:** Eye bath.
- Eye/face protection:** Wear safety glasses with side shields (or goggles).
- Hand Protection:** Latex gloves for normal use, Nitrile gloves recommended for spill cleanup
- Other:** No special precautions.
- Respiratory Protection:** None should be needed.
- Hygiene measures:** Avoid contact with eyes.

### 9. Physical and chemical properties



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## Information on basic physical and chemical properties

### Appearance

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	According to product specification.
<b>Odor:</b>	Alcohol
<b>Odor Threshold:</b>	No data available.
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	188.6 °F/87.0 °C
<b>Flammability:</b>	Flammable liquid

### Upper/lower limit on flammability or explosive limits

<b>Explosive limit - upper:</b>	12.7 %(V)
<b>Explosive limit - lower:</b>	2.2 %(V)
<b>Flash Point:</b>	68.2 °F/20.1 °C Method: Closed Cup
	75.2 °F/24.0 °C Method: Open Cup
<b>Auto-ignition temperature:</b>	797 °F/425 °C
<b>Decomposition Temperature:</b>	No data available.
<b>pH:</b>	estimated 7.0

### Viscosity

<b>Dynamic viscosity:</b>	No data available.
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**Kinematic viscosity:** No data available.

**Flow Time:** No data available.

**Solubility(ies)**

**Solubility in Water:** Soluble

**Solubility (other):** Soluble

**Partition coefficient (n-octanol/water):** No data available.

**Vapor pressure:** 43 hPa

**Relative density:** 0.880

**Density:** No data available.

**Bulk density:** No data available.

**Relative vapor density:** No data available.

**Other information**

**Self-ignition:** Product is not self-igniting.

**10. Stability and reactivity**

**Reactivity:** Material is stable under normal conditions.

**Chemical Stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** Not determined.

**Conditions to avoid:** Excessive heat.

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<b>Incompatible Materials:</b>	Strong oxidizers, potassium dioxide, bromine pentafluoride, acetyl bromide, acetyl chloride, platinum, sodium
<b>Hazardous Decomposition Products:</b>	Carbon Dioxide. Carbon Monoxide. Chlorinated compounds.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	None under normal conditions.
<b>Skin Contact:</b>	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
<b>Eye contact:</b>	Do not get in eyes.
<b>Ingestion:</b>	Due to the small packaging the risk of ingestion is minimal.

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

<b>Inhalation:</b>	No specific symptoms noted.
<b>Skin Contact:</b>	Repeated exposure may cause skin dryness or cracking.
<b>Eye contact:</b>	Causes serious eye irritation. May cause permanent damage if eye is not immediately irrigated.
<b>Ingestion:</b>	No data available.



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## Acute toxicity (list all possible routes of exposure)

### Oral

**Product:** ATEmix, 73,913.04 mg/kg  
ATEmix, 73,913.04 mg/kg

**Components:**

2-Propanol LD 50, Rat, 5,045 mg/kg  
D-Gluconic acid, LD 50, Rat, 2,000 mg/kg  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) LD 50, Mouse, 1,700 mg/kg, 2 = reliable with restrictions

### Dermal

**Product:** Not classified for acute toxicity based on available data.

**Components:**

2-Propanol No data available.  
D-Gluconic acid, LD 50, Rabbit, 5,000 mg/kg, 2 = reliable with restrictions  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) LD 50, Rabbit, > 5,000 mg/kg, 2 = reliable with restrictions,  
Experimental result, Key study

### Inhalation

**Product:** Not classified for acute toxicity based on available data.

**Components:**

2-Propanol No data available.  
D-Gluconic acid, No data available.  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii



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midamide (2:1)

### Repeated dose toxicity

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

### Skin Corrosion/Irritation

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.



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## Respiratory or Skin Sensitization

**Product:** No data available.

### Components:

2-Propanol Skin sensitization:, in vivo, Guinea pig, Non sensitising

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

## Carcinogenicity

**Product:** No data available.

### Components:

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

## IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities

No carcinogens present or none present in regulated quantities

## US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogens present or none present in regulated quantities

## US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:

No carcinogens present or none present in regulated quantities



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## Germ Cell Mutagenicity

### In vitro

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

### In vivo

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

## Reproductive toxicity

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

## Specific Target Organ Toxicity - Single Exposure



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**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

**Aspiration Hazard**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

**Information on health hazards**

**Other hazards**



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**Product:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Components:

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-  
2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

##### Aquatic Invertebrates

**Product:** No data available.

##### Components:

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-  
2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

##### Toxicity to Aquatic Plants



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**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-  
2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.



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### **Aquatic Invertebrates**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-  
2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

### **Toxicity to microorganisms**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid,  
compd. with N1,N14-  
bis(4-chlorophenyl)-  
3,12-diimino-2,4,11,13-  
tetraazatetradecanedii  
midamide (2:1) No data available.

### **Persistence and Degradability**

#### **Biodegradation**

**Product:** No data available.

**Components:**

2-Propanol 53 %, 5 d, Experimental result, Key study Detected in water.



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D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanedii midamide (2:1)	65 %, Experimental result, Key study Detected in water.
	100 %, Experimental result, Not specified Detected in water.
	> 0 %, Experimental result, Key study Detected in water.
	79 %, Experimental result, Key study Detected in water.
	71 %, Experimental result, Key study Detected in water.

### BOD/COD Ratio

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanedii midamide (2:1) No data available.

### Bioaccumulative potential

#### Bioconcentration Factor (BCF)

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanedii midamide (2:1)

Green algae ( <i>Chlorella fusca vacuolata</i> ), 2,560, Static
Carp ( <i>Leuciscus idus melanotus</i> ), 42, Renewal
Leuciscus idus, 42, Experimental result, Key study Aquatic sediment
Leuciscus idus, 40, Experimental result, Key study Aquatic sediment

#### Partition Coefficient n-octanol / water (log Kow)



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**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanedii midamide (2:1) No data available.

**Mobility in soil:**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimid amide (2:1) No data available.

**Results of PBT and vPvB assessment:**

**Product:** No data available.

**Components:**

2-Propanol No data available.

D-Gluconic acid, compd. with N1,N14-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimid amide (2:1) No data available.



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**Other adverse effects:**

**Other hazards**

**Product:** No data available.

**13. Disposal considerations**

**General information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated  
Packaging:** No data available.

**14. Transport information**

**IATA**

UN number or ID number: ID 8000  
UN Proper Shipping Name: Consumer commodity  
Transport Hazard Class(es)  
Class: 9  
Label(s): 9MI (Miscellaneous)  
Packing Group: –  
Passenger and cargo aircraft : Y963  
Limited quantity: None.



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#### Environmental Hazards

Environmentally Hazardous: No

Marine Pollutant: No

Special precautions for user:  
PG

Passenger and cargo aircraft: Allowed. Y963

Cargo aircraft only : Allowed. Y963

#### **IMDG**

UN number or ID number: UN 1219

UN Proper Shipping Name: ISOPROPANOL

#### Transport Hazard Class(es)

Class: 3

Label(s): 3

EmS No.: F-E, S-D

Packing Group: II

Limited quantity None.

#### Environmental Hazards

Environmentally Hazardous: No

Marine Pollutant: No



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Special precautions for user:

PG

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

## 15. Regulatory information

**Classified according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) regulation 2001**

**Classified according to NZS 5433:1999, UN, IMDG, and IATA.**

### **Ozone Depleting Substances**

Not Regulated  
Not Regulated

**New Zealand. CWC. Chemical Weapons (Prohibition) Act 1996 (Schedules of Chemicals 1-3)**

Not Regulated  
Not Regulated

## **International regulations**

### **Montreal protocol**

Not applicable

### **Stockholm convention**

Not applicable

### **Rotterdam convention**

Not applicable



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## Kyoto protocol

Not applicable

## 16. Other Information

<b>Version #:</b>	1.2
<b>Generation date:</b>	02.10.2024
<b>Date of first report version:</b>	05.12.2017
<b>Further Information:</b>	No data available.

### Abbreviations and acronyms:

ACGIH:	US. ACGIH Threshold Limit Values, as amended
NZ OEL:	New Zealand. WES. (Workplace Exposure Standards), as amended
ACGIH / STEL:	Short Term Exposure Limit (STEL):
ACGIH / TWA:	Time Weighted Average (TWA):
NZ OEL / TWA:	Time Weighted Average (TWA):
NZ OEL / STEL:	Short Term Exposure Limit (STEL):

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and

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Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

**References:** No data available.

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