

CHH Boron Treated Pine Solid Wood

Carter Holt Harvey (Woodproducts)

Chemwatch Hazard Alert Code: 1

Chemwatch: 4729-84

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Safety Data Sheet according to HSNO Regulations

S.GHS.NZL.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	CHH Boron Treated Pine Solid Wood
Other means of identification	Not Available

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

Relevant identified uses	Treated solid wood product used in residential, commercial and industrial construction, furniture and fitments and/or general purpose building.
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Details of the supplier of the safety data sheet

Registered company name	Carter Holt Harvey (Woodproducts)	Carter Holt Harvey
Address	Private Bag 92165 Auckland 1142 New Zealand	22 Prospect Street Box Hill VIC 3128 Australia
Telephone	0800 866 678	+61 3 9258 7600
Fax	0800 866 679	+61 39258 7655
Website	www.chhwoodproducts.co.nz	Not Available
Email	woodproducts@chhwoodproducts.co.nz	PanelsWebRequests@au.chh.com

Emergency telephone number

Association / Organisation	Not Available	Not Available
Emergency telephone numbers	Not Available	Not Available
Other emergency telephone numbers	Not Available	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for transport of Dangerous Goods.

Classification	Not Applicable
Determined by Chemwatch using GHS/HSNO criteria	Not Available

Label elements

Hazard pictogram(s)	Not Applicable
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SIGNAL WORD **NOT APPLICABLE**

Hazard statement(s)

Not Applicable

Precautionary statement(s) Prevention

Continued...

CHH Boron Treated Pine Solid Wood

Not Applicable

Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
Not Available	>90	solid pine wood
Not Available	<2	treatment residuals may include:
7440-42-8		<u>boron</u>
8001-54-5		<u>benzalkonium chloride</u>
7632-00-0		<u>sodium nitrite</u>
		Cleanwood (proprietary)
55406-53-6		<u>3-iodo-2-propynyl butyl carbamate</u>
60207-90-1		<u>propiconazole</u>
67564-91-4		<u>fenpropimorph</u>
		In use, may generate wood dust softwood
		THIS REPORT IS FOR TREATED PRODUCT ONLY

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Description of first aid measures

Eye Contact	<ul style="list-style-type: none">▶ Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations. If this product comes in contact with eyes: <ul style="list-style-type: none">▶ Wash out immediately with water.▶ If irritation continues, seek medical attention.▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	Brush off dust. In the event of abrasion or irritation of the skin seek medical attention.
Inhalation	<ul style="list-style-type: none">▶ If dust is inhaled, remove from contaminated area.▶ Encourage patient to blow nose to ensure clear passage of breathing.▶ If irritation or discomfort persists seek medical attention.
Ingestion	<ul style="list-style-type: none">▶ Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations.▶ Immediately give a glass of water.▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- ▶ Water spray or fog.
- ▶ Foam.
- ▶ Dry chemical powder.
- ▶ BCF (where regulations permit).

Special hazards arising from the substrate or mixture

Continued...

CHH Boron Treated Pine Solid Wood

Fire Incompatibility	Avoid exposure to excessive heat and fire.
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Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Use water delivered as a fine spray to control the fire and cool adjacent area. Wear breathing apparatus plus protective gloves. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	Combustible. Will burn if ignited. Wood products do not normally constitute an explosion hazard. - Mechanical or abrasive activities which produce wood dust, as a by-product, may present a severe explosion hazard if a dust cloud contacts an ignition source. - Hot humid conditions may result in spontaneous combustion of accumulated wood dust. - Partially burned or scorched wood dust can explode if dispersed in air.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	Pick up. Refer to major spills.
Major Spills	Pick up. Secure load if safe to do so. Bundle/collect recoverable product.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Use gloves when handling product to avoid splinters.
Other information	▸ Keep dry

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Generally not applicable.
Storage incompatibility	▸ Keep dry

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
New Zealand Workplace Exposure Standards (WES)	boron	Particulates not otherwise classified	10; 3 mg/m3	Not Available	Not Available	(r) - The value for respirable dust.

EMERGENCY LIMITS


Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
boron	Boron	1.9 mg/m3	21 mg/m3	130 mg/m3
benzalkonium chloride	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	0.91 mg/m3	10 mg/m3	60 mg/m3
sodium nitrite	Sodium nitrite	6.4 mg/m3	71 mg/m3	240 mg/m3
3-iodo-2-propynyl butyl carbamate	Butyl-3-iodo-2-propynylcarbamate	3.3 mg/m3	36 mg/m3	220 mg/m3

Ingredient	Original IDLH	Revised IDLH
solid pine wood	Not Available	Not Available
treatment residuals may include:	Not Available	Not Available

CHH Boron Treated Pine Solid Wood

boron	Not Available	Not Available
benzalkonium chloride	Not Available	Not Available
sodium nitrite	Not Available	Not Available
3-iodo-2-propynyl butyl carbamate	Not Available	Not Available
propiconazole	Not Available	Not Available
fenpropimorph	Not Available	Not Available

Exposure controls

Appropriate engineering controls	<ul style="list-style-type: none"> ▶ Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.
Personal protection	
Eye and face protection	<p>When sawing, machining or sanding use:</p> <ul style="list-style-type: none"> ▶ Safety glasses with side shields. ▶ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.
Skin protection	See Hand protection below
Hands/feet protection	<ul style="list-style-type: none"> ▶ Protective gloves eg. Leather gloves or gloves with Leather facing ▶ Safety footwear
Body protection	See Other protection below
Other protection	<p>No special equipment needed when handling small quantities.</p> <p>OTHERWISE:</p> <ul style="list-style-type: none"> ▶ Overalls. ▶ Barrier cream. ▶ Eyewash unit.
Thermal hazards	Not Available

Respiratory protection

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Timber in all sizes, dry and planed, impregnated with liquid preservative. THIS CHEMWATCH REPORT IS FOR TREATED PRODUCT ONLY.		
Physical state	Manufactured	Relative density (Water = 1)	0.4-0.6
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Applicable	Viscosity (cSt)	Not Applicable
Initial boiling point and boiling range (°C)	Not Applicable	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Applicable	Taste	Not Available

CHH Boron Treated Pine Solid Wood

Evaporation rate	Not Applicable	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Applicable
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Applicable
Vapour pressure (kPa)	Not Applicable	Gas group	Not Available
Solubility in water (g/L)	Immiscible	pH as a solution (1%)	Not Applicable
Vapour density (Air = 1)	Not Applicable	VOC g/L	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Product is considered stable and hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Not normally a hazard due to physical form of product. Generated dust may be discomforting
Ingestion	Not normally a hazard due to physical form of product. Considered an unlikely route of entry in commercial/industrial environments Ingestion of sawdust may cause nausea, abdominal pain, vomiting or diarrhoea.
Skin Contact	The dust is discomforting and mildly abrasive to the skin and may cause drying of the skin, which may lead to contact dermatitis.
Eye	The dust may produce eye discomfort causing smarting, pain and redness.
Chronic	<p>▸ Hazard relates to dust released by sawing, cutting, sanding, trimming or other finishing operations.</p> <p>Various woods are able to induce allergies, both of the immediate onset type in woodwork which causes a respiratory syndrome, and of the delayed type which results in eczema from exposure to dusts and direct contact. Cross-reaction is common.</p> <p> Wood dust may cause skin and respiratory sensitisation.</p>

CHH Boron Treated Pine Solid Wood	TOXICITY	IRRITATION
	Not Available	Not Available
boron	TOXICITY	IRRITATION
	Oral (rat) LD50: 650 mg/kg ^[2]	Not Available
benzalkonium chloride	TOXICITY	IRRITATION
	Dermal (rabbit) LD50: 1560 mg/kg ^[2]	Eye (human): 0.05 mg SEVERE
	Oral (rat) LD50: 240 mg/kg ^[2]	Eye (rabbit): 1mg/24h SEVERE Skin (human): 0.15 mg/72h mild
sodium nitrite	TOXICITY	IRRITATION
	Inhalation (rat) LC50: 0.0055 mg/l/4h ^[2] Oral (rat) LD50: 157.9 mg/kg ^[2]	Eye (rabbit): 500 mg/24hr - mild
3-iodo-2-propynyl butyl carbamate	TOXICITY	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[2]	Eye: Irritating
	Inhalation (rat) LC50: 0.680 mg/l/4h*g ^[2] Oral (rat) LD50: 1056 mg/kg ^[2]	Skin: Slight irritant

CHH Boron Treated Pine Solid Wood

	TOXICITY	IRRITATION
propiconazole	dermal (rat) LD50: >4000 mg/kg ^[2]	Eye (non-irritating) *
	Inhalation (rat) LC50: 1.264 mg/l/4h ^[2]	Skin (non-irritating) *
	Oral (rat) LD50: 1517 mg/kg ^[2]	
	TOXICITY	IRRITATION
fenpropimorph	dermal (rat) LD50: >4000 mg/kg ^[2]	Eye (rabbit): non-irritating *
	Inhalation (rat) LC50: 2.9 mg/l/4h ^[2]	Moderately irritating to the
	Oral (rat) LD50: >1400 mg/kg ^[2]	Skin (rabbit): moderate-SEVERE *
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. * Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances	

BENZALKONIUM CHLORIDE	Alkyldimethylbenzylammonium chlorides are in the list of dangerous substances of council directive, classified as "harmful in contact with skin and on ingestion", and "corrosive and very toxic to aquatic organisms". It can cause dose dependent skin and eye irritation with possible deterioration of vision, possible sensitisation in those with pre-existing eczema. It does not cause cancer, genetic defect, foetal or developmental abnormality.
SODIUM NITRITE	The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. Tumorigenic - Carcinogenic by RTECS criteria.
3-iodo-2-propynyl BUTYL CARBAMATE	For 3-iodo-2-propynyl butyl carbamate (IPBC): Acute toxicity studies with IPBC show low toxicity except severe eye irritation. Animal testing showed that extended exposure may cause decreased weight gain and increased red cell and eosinophil counts. One study showed the possibility of increased breast cancer on extended contact. IPBC may cause defects in bone development at very high levels.
FENPROPIMORPH	The material may produce respiratory tract irritation, and result in damage to the lung including reduced lung function. The material may cause severe skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin. Repeated exposures may produce severe ulceration. The literature suggests that some morpholine fungicides demonstrate potential teratogenicity. Fenpropimorph has been associated with anasarca (excessive tissue fluid) in rats and cleft palate in rats and rabbits; tridemorph has been associated with cleft palate in rodents. The malformations and increase in postimplantation loss observed with dodemorph-acetate are considered serious responses. Furthermore, these responses in the rabbit occur at dose levels that do not demonstrate any maternal toxicity. [* The Pesticides Manual, Incorporating The Agrochemicals Handbook, 10th Edition, Editor Clive Tomlin, 1994, British Crop Protection Council] ADI 0.003 mg/kg * NOEL for rats 0.3, mice 3.0, dogs 3.2 mg/kg b.w. daily * No carcinogenicity observed *
BENZALKONIUM CHLORIDE & FENPROPIMORPH	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with sudden onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. Other criteria for diagnosis of RADS include a reversible airflow pattern on lung function tests, moderate to severe bronchial hyperreactivity on methacholine challenge testing, and the lack of minimal lymphocytic inflammation, without eosinophilia.

Acute Toxicity	☒	Carcinogenicity	☒
Skin Irritation/Corrosion	☒	Reproductivity	☒
Serious Eye Damage/Irritation	☒	STOT - Single Exposure	☒
Respiratory or Skin sensitisation	☒	STOT - Repeated Exposure	☒
Mutagenicity	☒	Aspiration Hazard	☒

Legend: ✘ – Data available but does not fill the criteria for classification
✔ – Data available to make classification
☒ – Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

CHH Boron Treated Pine Solid Wood	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE

Continued...

CHH Boron Treated Pine Solid Wood

	Not Available	Not Available	Not Available	Not Available	Not Available
boron	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	74mg/L	2
	EC50	48	Crustacea	230mg/L	5
	EC50	72	Algae or other aquatic plants	54mg/L	2
	BCF	336	Algae or other aquatic plants	8.5mg/L	4
	NOEC	576	Fish	0.001mg/L	5
benzalkonium chloride	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	0.32mg/L	4
	EC50	48	Crustacea	0.018mg/L	4
	EC50	72	Algae or other aquatic plants	0.056mg/L	4
	NOEC	1	Algae or other aquatic plants	0.0025mg/L	4
sodium nitrite	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	0.048mg/L	4
	EC50	48	Crustacea	ca.12.5100mg/L	1
	EC50	72	Algae or other aquatic plants	>100mg/L	2
	NOEC	2	Fish	0.02mg/L	4
3-iodo-2-propynyl butyl carbamate	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	0.067mg/L	4
	EC50	48	Crustacea	0.04mg/L	5
	NOEC	48	Crustacea	<0.01mg/L	4
propiconazole	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	0.83mg/L	4
	EC50	48	Crustacea	3.2mg/L	4
	EC50	72	Algae or other aquatic plants	0.0008mg/L	4
	NOEC	96	Crustacea	0.5mg/L	4
fenpropimorph	Not Available	Not Available	Not Available	Not Available	Not Available
Legend:	Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data				

Although treated, the solid wood will decay on ground contact.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
sodium nitrite	LOW	LOW
3-iodo-2-propynyl butyl carbamate	HIGH	HIGH
fenpropimorph	HIGH	HIGH

Bioaccumulative potential

Ingredient	Bioaccumulation
sodium nitrite	LOW (LogKOW = 0.0564)
3-iodo-2-propynyl butyl carbamate	LOW (LogKOW = 2.4542)
fenpropimorph	HIGH (LogKOW = 5.5041)

CHH Boron Treated Pine Solid Wood

Mobility in soil

Ingredient	Mobility
sodium nitrite	LOW (KOC = 23.74)
3-iodo-2-propynyl butyl carbamate	LOW (KOC = 365.3)
fenpropimorph	LOW (KOC = 26870)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	
	<ul style="list-style-type: none"> ▶ Recycle wherever possible or consult manufacturer for recycling options. ▶ Consult State Land Waste Management Authority for disposal. ▶ Bury residue in an authorised landfill.

Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

This substance is to be managed using the conditions specified in an applicable Group Standard

HSR Number	Group Standard
Not Applicable	Not Applicable

BORON(7440-42-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals	New Zealand Workplace Exposure Standards (WES)
New Zealand Inventory of Chemicals (NZIoC)	

BENZALKONIUM CHLORIDE(8001-54-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals	New Zealand Inventory of Chemicals (NZIoC)
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SODIUM NITRITE(7632-00-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals	New Zealand Inventory of Chemicals (NZIoC)
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3-iodo-2-propynyl butyl carbamate(55406-53-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals	New Zealand Inventory of Chemicals (NZIoC)
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PROPICONAZOLE(60207-90-1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals	New Zealand Inventory of Chemicals (NZIoC)
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FENPROPIMORPH(67564-91-4) IS FOUND ON THE FOLLOWING REGULATORY LISTSNew Zealand Hazardous Substances and New Organisms (HSNO) Act -
Classification of Chemicals

New Zealand Inventory of Chemicals (NZIoC)

Location Test Certificate

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations, a location test certificate is required when quantity greater than or equal to those indicated below are present.

Hazard Class	Quantity beyond which controls apply for closed containers	Quantity beyond which controls apply when use occurring in open containers
Not Applicable	Not Applicable	Not Applicable

Approved Handler

Subject to Regulation 56 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations and Regulation 9 of the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

Class of substance	Quantities
Not Applicable	Not Applicable

Refer Group Standards for further information

Tracking Requirements

Not Applicable

National Inventory	Status
Australia - AICS	Y
Canada - DSL	N (fenpropimorph; propiconazole)
Canada - NDSL	N (3-iodo-2-propynyl butyl carbamate; fenpropimorph; boron; sodium nitrite; propiconazole; benzalkonium chloride)
China - IECSC	N (fenpropimorph; propiconazole)
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (fenpropimorph; boron; propiconazole; benzalkonium chloride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	N (fenpropimorph; propiconazole)
USA - TSCA	N (fenpropimorph; propiconazole)
Legend:	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

SECTION 16 OTHER INFORMATION**Other information****Ingredients with multiple cas numbers**

Name	CAS No
propiconazole	60207-90-1, 75881-82-2
fenpropimorph	67306-03-0, 67564-91-4

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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TEL (+61 3) 9572 4700.