

SAFETY DATA SHEET

Bin Buddy Insecticide Citrus Zing

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name Bin Buddy Insecticide Citrus Zing

Product No. 00725/04

Container size 450g

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

Application Bin Freshener Insecticide

Uses advised against Not to be used in any other way than instructed on product packaging.

Details of the supplier of the safety data sheet

Supplier Challs Australia Pty Ltd
St James Centre, Level 17, 111 Elizabeth Street, Sydney NSW 2000 Australia
GPO Box 1612, Sydney NSW 2001 Australia
(+61) 2 92311822
sales@challs.com

Manufacturer Challs International Group Ltd
Unit 46 Lady Lane Industrial Estate
Hadleigh
Suffolk
IP7 6BQ
01473 820999
sales@challs.com

Emergency telephone number

National emergency telephone number 13 1126 (24 hours) Australian National Poisons Centre number

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Label elements

Hazard pictograms



Signal word WARNING

Hazard statements H410 Very toxic to aquatic life with long lasting effects.

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Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P273 Avoid release to the environment.
 P391 Collect spillage.
 Always store upright in a cool, dry, well-ventilated place.
 P501 Dispose of contents/ container in accordance with national regulations.

Other hazards

This substance is not classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

SECTION 3: Composition and information on ingredients

Mixtures

Piperonyl Butoxide CAS number: 51-03-6 M factor (Acute) = 1 M factor (Chronic) = 1	1-5%
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
Permethrin (TECHNICAL 25/75) CAS number: 52645-53-1 M factor (Acute) = 100 M factor (Chronic) = 10000	<1%
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
citral CAS number: 5392-40-5	<1%
Classification Skin Irrit. 2 - H315 Skin Sens. 1 - H317	

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Limonene	<1%
CAS number: 5989-27-5	
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

Description of first aid measures

Inhalation	Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact	Remove affected person from source of contamination. Take off immediately all contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water or use an approved skin cleanser. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Get medical attention if symptoms are severe or persist.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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Indication of any immediate medical attention and special treatment needed

Specific treatments	Treat symptomatically.
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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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Special hazards arising from the substance or mixture

Hazardous combustion products	None known.
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Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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Hazchem Code	2Z
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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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Personal precautions For personal protection, see Section 8.

Environmental precautions

Environmental precautions The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

Methods and material for containment and cleaning up

Methods for cleaning up Do not touch or walk into spilled material. For users with sensitive skin, it is recommended that suitable protective gloves are worn. Stop leak if safe to do so. Avoid generation and spreading of dust. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. When handling waste, the safety precautions applying to handling of the product should be considered. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Read label before use. Good personal hygiene procedures should be implemented. Handle all packages and containers carefully to minimise spills. Avoid generation and spreading of dust. Avoid inhalation of dust. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Miscellaneous hazardous material storage.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

ADI for Permethrin is 0.05 mg/kg/day, NOEL for Permethrin is 5 mg/kg/day. ADI for Piperonyl Butoxide is 0.1 mg/kg/day, NOEL for Piperonyl Butoxide is 16 mg/kg/day

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

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Eye/face protection	Wear eye protection. Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.
Hand protection	Wear protective gloves. For users with sensitive skin, it is recommended that suitable protective gloves are worn.
Other skin and body protection	Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a suitable dust mask. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Dusty powder.
Colour	Yellow. / Grey.
Odour	Fruity.
Solubility(ies)	Insoluble in water.

SECTION 10: Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	None known.
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.
Materials to avoid	None known.
Hazardous decomposition products	None known.

SECTION 11: Toxicological information

Information on toxicological effects

Inhalation	Dust may irritate the respiratory system.
Ingestion	May be harmful if swallowed.
Skin Contact	May cause sensitisation or allergic reactions in sensitive individuals. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	Dust may cause slight irritation.

SECTION 12: Ecological information

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Ecotoxicity	Dangerous for the environment.
Toxicity	Very toxic to aquatic life.
<u>Chronic aquatic toxicity</u>	
Summary	No data for product. Toxic to aquatic life with long lasting effects
<u>Persistence and degradability</u>	
Persistence and degradability	The product is expected to be biodegradable.
<u>Bioaccumulative potential</u>	
Bioaccumulative Potential	The product does not contain any substances expected to be bioaccumulating.
<u>Mobility in soil</u>	
Mobility	The product is insoluble in water.
<u>Other adverse effects</u>	
Other adverse effects	None known.

SECTION 13: Disposal considerations

Waste treatment methods

General information	Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.
Disposal methods	Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport information

UN number

UN No. (ADG)	3077
UN No. (IMDG)	3077
UN No. (ICAO)	3077

UN proper shipping name

Proper shipping name (ADG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Permethrin (TECHNICAL 25/75), Piperonyl Butoxide)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Permethrin (TECHNICAL 25/75), Piperonyl Butoxide)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS Permethrin (TECHNICAL 25/75), Piperonyl Butoxide)

Transport hazard class(es)

ADG class	9
ADG classification code	M7
ADG label	9
IMDG class	9
ICAO class/division	9

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Transport labels



Packing group

ADG packing group III

IMDG packing group III

ICAO packing group III

Environmental hazards

Environmentally hazardous substance/marine pollutant



Special precautions for user

EmS F-A, S-F

Hazchem Code 2Z

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations

This product is under the jurisdiction of APVMA in Australia

AZ/NZS 1337.1:2010: Personal eye protection- Eye and face protectors for occupational applications

AZ/NZS 1715:2009: Selection, use and maintenance of respiratory protective equipment.

AZ/NZS 1716:2012:respiratory protective devices.

AZ/NZS 2161.1:2000: Occupational Protective gloves: Selection, use and maintenance.

AZ/NZS 2161.2:2005: Occupational Protective gloves: General requirements.

AZ/NZS 2161.10.1:2005: Occupational Protective gloves: Protective gloves against chemicals and micro-organisms-Terminology and performance requirements.

AZ/NZS 2161.10.2:2005: Occupational Protective gloves: Protective gloves against chemicals and micro-organisms-Determination of resistance to penetration.

AZ/NZS 2161.10.3:2005: Occupational Protective gloves: Protective gloves against chemicals and micro-organisms-Determination of resistance to penetration by chemicals.

AZ/NZS 2210:2010: Safety, protective and occupational footwear.

AZ/NZS 4501:2010: Occupational protective clothing.

Since this product is under the jurisdiction of the APVMA in Australia, no assessment is required in relation to presence of ingredients on AICS.

All ingredients present on NZIoC

No Poisons Schedule number allocated.

SECTION 16: Any other relevant information

Abbreviations and acronyms used in the safety data sheet

AICS: Australian Inventory of Chemical Substances.

APVMA: The Australian Pesticides and Veterinary Medicines Authority.

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Revision date	19/05/2021
Revision	4.0
Supersedes date	22/02/2021
SDS No.	5203
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.