

# SAFETY DATA SHEET



## Fury 120 SC Insecticide

Version	Revision Date:	SDS Number:	Date of last issue: 01.10.2021
1.1	29.04.2025	50002575	Date of first issue: 01.10.2021

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Fury 120 SC Insecticide

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

Recommended use : Household insecticide.

Restrictions on use : Use as recommended by the label.

#### Manufacturer or supplier's details

Company : FMC Australasia Pty Ltd

Address : Building B, Suite G.01, 12 Julius Avenue  
North Ryde NSW 2113  
Australia

Telephone : 1 800 066 355

Telefax : (02) 9923 6011

E-mail address : SDS-Info@fmc.com

Emergency telephone number : For leak, fire, spill or accident emergencies, call:  
1800 033 111 (IxoM)

Medical emergency:  
1 800 033 111 (Transport and 24 h Medical information)

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Oral) : Category 3

Specific target organ toxicity - : Category 2 (Central nervous system)  
single exposure

Specific target organ toxicity - : Category 2 (Central nervous system)  
repeated exposure



#### GHS label elements

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Hazard pictograms :  

Signal word : Danger

Hazard statements : H301 Toxic if swallowed.  
H371 May cause damage to organs (Central nervous system).  
H373 May cause damage to organs (Central nervous system) through prolonged or repeated exposure.

Precautionary statements : **Prevention:**  
P260 Do not breathe mist or vapours.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
**Response:**  
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth.  
P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.  
**Storage:**  
P405 Store locked up.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

Very toxic to aquatic life with long lasting effects.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
bifenthrin (ISO)	82657-04-3	$\geq 1$ - $< 10$
$\alpha$ -cypermethrin (ISO)	67375-30-8	$< 10$
propane-1,2-diol	57-55-6	$< 10$

## SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.

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- |   |  |
|---|--|
| If inhaled  | : If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.  |
| In case of skin contact                                     | : If skin irritation persists, call a physician.<br>If on skin, rinse well with water.<br>If on clothes, remove clothes.   |
| In case of eye contact                                      | : Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.  |
| If swallowed  | : Induce vomiting immediately and call a physician.<br>Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Take victim immediately to hospital. |
| Most important symptoms and effects, both acute and delayed | : Toxic if swallowed.<br>May cause damage to organs.<br>May cause damage to organs through prolonged or repeated exposure.   |
| Notes to physician  | : Treat symptomatically.   |

### SECTION 5. FIREFIGHTING MEASURES

- |   |   |
|---|---|
| Suitable extinguishing media                  | : Dry powder<br>Carbon dioxide (CO <sub>2</sub> )<br>Foam   |
| Unsuitable extinguishing media                | : High volume water jet   |
| Specific hazards during fire-fighting         | : Do not allow run-off from fire fighting to enter drains or water courses.   |
| Hazardous combustion products                 | : Thermal decomposition can lead to release of irritating gases and vapours.<br>Halogenated compounds<br>Carbon oxides<br>Nitrogen oxides (NO <sub>x</sub> )  |
| Specific extinguishing methods                | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : Firefighters should wear protective clothing and self-contained breathing apparatus.  |

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Hazchem Code : 2X

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.  |
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up               | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Keep in suitable, closed containers for disposal.                             |

### SECTION 7. HANDLING AND STORAGE

- |   |   |
|---|---|
| Advice on protection against fire and explosion | : Normal measures for preventive fire protection.   |
| Advice on safe handling                         | : Do not breathe vapours/dust.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Dispose of rinse water in accordance with local and national regulations.  |
| Hygiene measures                                | : Avoid contact with skin, eyes and clothing.<br>When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and immediately after handling the product.  |
| Conditions for safe storage                     | : Prevent unauthorized access.<br>Keep container tightly closed in a dry and well-ventilated place.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>Observe label precautions.<br>Electrical installations / working materials must comply with the technological safety standards. |
| Further information on storage stability        | : No decomposition if stored and applied as directed.   |

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

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Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propane-1,2-diol	57-55-6	TWA (particulate)	10 mg/m3	AU OEL
		TWA (Total (vapour and particles))	150 ppm 474 mg/m3	AU OEL

### Personal protective equipment

- Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
- Hand protection  
Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.
- Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles
- Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Protective measures : Always have on hand a first-aid kit, together with proper instructions.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : liquid
- Form : liquid
- Colour : off-white
- Odour : mild
- pH : 4 - 6  
Method: CIPAC MT 75.3
- Melting point/ range : not determined
- Boiling point/boiling range : not determined

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Flash point	: does not flash
Flammability (liquids)	: Does not sustain combustion.
Self-ignition	: No data available
Density	: 1 - 1.1 g/l (20 °C)
Bulk density	: Not applicable
Solubility(ies) Water solubility	: suspendable
Viscosity Viscosity, kinematic	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Particle size	: Not applicable

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed.
Conditions to avoid	: Protect from frost, heat and sunlight. Heat, flames and sparks.
Incompatible materials	: Strong acids Strong bases Strong oxidizing agents
Hazardous decomposition products	: Stable under recommended storage conditions.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Toxic if swallowed.

#### Product:

Acute oral toxicity	: LD50 (Rat): > 50 - 300 mg/kg Remarks: Based on data from a similar product.
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Acute inhalation toxicity : LC50 (Rat): > 1.02 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Highest attainable concentration.  
Based on data from a similar product.

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Remarks: Based on data from a similar product.

### **Components:**

#### **bifenthrin (ISO):**

Acute oral toxicity : LD50 (Rat, male and female): 56.7 mg/kg  
Symptoms: Convulsions, Tremors, ataxia  
  
LD50 (Mouse, female): 42.5 mg/kg  
Method: OPPTS 870.1100

Acute inhalation toxicity : LC50 (Rat, female): 0.6 - 1.2 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Symptoms: Tremors, Convulsions

LC50 (Rat, male): 1.10 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Symptoms: Tremors, Fatality

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Remarks: no mortality

#### **$\alpha$ -cypermethrin (ISO):**

Acute oral toxicity : LD50 (Rat, male and female): > 50 - < 500 mg/kg  
Method: US EPA Test Guideline OPP 81-1

Acute inhalation toxicity : LC50 (Rat): > 0.32 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Highest attainable concentration.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

#### **propane-1,2-diol:**

Acute oral toxicity : LD50 (Rat, male and female): 22,000 mg/kg

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Acute inhalation toxicity : LC0 (Rabbit): 31.7 mg/l  
Exposure time: 2 h  
Test atmosphere: vapour  
Remarks: no mortality

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Product:

Species : Rabbit  
Result : No skin irritation  
Remarks : Based on data from a similar product.

#### Components:

##### **bifenthrin (ISO):**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : slight or no skin irritation.  
GLP : yes

##### **$\alpha$ -cypermethrin (ISO):**

Species : Rabbit  
Result : No skin irritation

##### **propane-1,2-diol:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

### Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

#### Product:

Species : Rabbit  
Result : No eye irritation  
Remarks : Based on data from a similar product.

#### Components:

##### **bifenthrin (ISO):**

Species : Rabbit  
Result : Slight or no eye irritation  
Method : OECD Test Guideline 405  
GLP : yes



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### **$\alpha$ -cypermethrin (ISO):**

Species	:	Rabbit
Result	:	slight irritation

### **propane-1,2-diol:**

Species	:	Rabbit
Result	:	No eye irritation
Method	:	OECD Test Guideline 405

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Based on available data, the classification criteria are not met.

#### **Respiratory sensitisation**

Based on available data, the classification criteria are not met.

#### **Product:**

Species	:	Guinea pig
Result	:	Not a skin sensitizer.
Remarks	:	Based on data from a similar product.

#### **Components:**

##### **bifenthrin (ISO):**

Test Type	:	Maximisation Test
Exposure routes	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	May cause sensitisation by skin contact.
GLP	:	yes

##### **$\alpha$ -cypermethrin (ISO):**

Test Type	:	Magnussen-Kligman test
Species	:	Guinea pig
Result	:	Not a skin sensitizer.

##### **propane-1,2-diol:**

Test Type	:	Maximisation Test
Species	:	Guinea pig
Result	:	negative

### **Chronic toxicity**

#### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

#### **Components:**

##### **bifenthrin (ISO):**

Genotoxicity in vitro	:	Test Type: gene mutation test
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Test system: Chinese hamster ovary cells  
Metabolic activation: with and without metabolic activation  
Result: negative

Test Type: reverse mutation assay  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

Test Type: Mouse lymphoma assay  
Metabolic activation: with and without metabolic activation  
Result: negative

Genotoxicity in vivo : Test Type: Sex-linked Recessive Lethal Test  
Species: *Drosophila melanogaster* (vinegar fly)  
Result: negative

Test Type: unscheduled DNA synthesis assay  
Species: Rat  
Method: OECD Test Guideline 486  
Result: negative

### **$\alpha$ -cypermethrin (ISO):**

Genotoxicity in vitro : Test Type: gene mutation test  
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test  
Result: negative

Test Type: chromosome aberration assay  
Result: negative

### **propane-1,2-diol:**

Genotoxicity in vitro : Test Type: reverse mutation assay  
Result: negative

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative

### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### **Components:**

#### **bifenthrin (ISO):**

Species	: Rat, female
Application Route	: Oral
Exposure time	: 2 Years
NOAEL	: 3 mg/kg bw/day
Result	: negative

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Species	: Mouse, male
Application Route	: Oral
Exposure time	: 18 month(s)
NOAEL	: 7.6 mg/kg bw/day
Result	: positive
Symptoms	: malignant tumors

### **$\alpha$ -cypermethrin (ISO):**

Species	: Mouse
Application Route	: Oral
Exposure time	: 78 weeks
NOAEL	: 3 mg/kg bw/day
Result	: negative

### **propane-1,2-diol:**

Species	: Rat
Application Route	: Oral
Exposure time	: 2 Years
Result	: negative

### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

### **Components:**

#### **bifenthrin (ISO):**

Effects on fertility	: Test Type: Two-generation study Species: Rat Application Route: Oral General Toxicity - Parent: NOAEL: 3 mg/kg bw/day General Toxicity F1: NOAEL: 5 mg/kg bw/day Result: negative
Effects on foetal development	: Test Type: Embryo-foetal development Species: Rabbit Application Route: Oral General Toxicity Maternal: NOAEL: 2.7 mg/kg bw/day Teratogenicity: NOAEL: 2.7 mg/kg bw/day Symptoms: Maternal effects Result: No teratogenic effects  Test Type: Embryo-foetal development Species: Rat Application Route: Oral General Toxicity Maternal: NOAEL: 1 mg/kg bw/day Teratogenicity: NOAEL: 2 mg/kg bw/day Result: No teratogenic effects  Species: Rat Application Route: Oral General Toxicity Maternal: LOAEL: 7.2 mg/kg bw/day Developmental Toxicity: LOAEL: 7.2 mg/kg bw/day

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Embryo-foetal toxicity: NOEL: 9.0 mg/kg bw/day  
Method: OECD Test Guideline 426  
Result: Animal testing did not show any effects on fertility.,  
Some evidence of adverse effects on development, based on  
animal experiments.

### **$\alpha$ -cypermethrin (ISO):**

Reproductive toxicity - Assessment : Animal testing showed no reproductive toxicity.

### **propane-1,2-diol:**

Effects on fertility : Test Type: reproductive and developmental toxicity study  
Species: Mouse  
Application Route: Oral  
Result: negative

Effects on foetal development : Test Type: Embryo-foetal development  
Species: Mouse  
Application Route: Oral  
Method: OECD Test Guideline 414  
Result: Animal testing did not show any effects on fertility.  
Remarks: Based on data from similar materials

### **STOT - single exposure**

May cause damage to organs (Central nervous system).

#### **Components:**

### **bifenthrin (ISO):**

Target Organs : Central nervous system  
Assessment : Causes damage to organs.

### **$\alpha$ -cypermethrin (ISO):**

Assessment : May cause respiratory irritation.

### **STOT - repeated exposure**

May cause damage to organs (Central nervous system) through prolonged or repeated exposure.

#### **Components:**

### **bifenthrin (ISO):**

Target Organs : Central nervous system  
Assessment : The substance or mixture is classified as specific target organ  
toxicant, repeated exposure, category 1.

### **$\alpha$ -cypermethrin (ISO):**

Target Organs : Central nervous system  
Assessment : The substance or mixture is classified as specific target organ  
toxicant, repeated exposure, category 2.

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### Repeated dose toxicity

#### Components:

##### **bifenthrin (ISO):**

Species	: Rat, male and female
NOEL	: 100 ppm
Application Route	: Oral - feed
Exposure time	: 90 d
Remarks	: No toxicologically significant effects were found.

Species	: Dog, male and female
NOEL	: 2.5 mg/kg bw/day
Application Route	: Oral - feed
Exposure time	: 13 w
Symptoms	: Tremors

##### **$\alpha$ -cypermethrin (ISO):**

Species	: Dog
NOAEL	: 3.5 mg/kg bw/day
Application Route	: Oral - feed
Exposure time	: 13 weeks
Target Organs	: Central nervous system

##### **propane-1,2-diol:**

Species	: Rat, male and female
NOAEL	: 1,700 mg/kg
Application Route	: Oral
Exposure time	: 2 Years

Species	: Rat, male and female
NOAEL	: 1,000 mg/kg
LOAEL	: 160 mg/kg
Application Route	: Inhalation
Exposure time	: 90 Days

### Aspiration toxicity

Based on available data, the classification criteria are not met.

#### Components:

##### **bifenthrin (ISO):**

The substance does not have properties associated with aspiration hazard potential.

### Further information

#### Product:

Remarks	: No data available
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## SECTION 12. ECOLOGICAL INFORMATION

## Ecotoxicity

Components:**bifenthrin (ISO):**

- |  |   |   |
|--|---|---|
| Toxicity to fish   | : | LC50 ( <i>Salmo gairdneri</i> ): 0.00015 mg/l<br>Exposure time: 96 h<br>Test Type: flow-through test<br><br>LC50 ( <i>Lepomis macrochirus</i> (Bluegill sunfish)): 0.00035 mg/l<br>Exposure time: 96 h<br>Test Type: flow-through test<br><br>LC50 ( <i>Oncorhynchus mykiss</i> (rainbow trout)): 0.000256 mg/l<br>Exposure time: 96 h<br>Test Type: semi-static test<br>Method: OECD Test Guideline 203<br>GLP: yes<br><br>LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 0.000234 mg/l<br>Exposure time: 96 h<br>Test Type: semi-static test<br>Method: OECD Test Guideline 203<br>GLP: yes |
| Toxicity to daphnia and other aquatic invertebrates                    | : | EC50 ( <i>Daphnia</i> (water flea)): 0.00011 mg/l<br>Exposure time: 48 h<br><br>LC50 ( <i>Daphnia</i> (water flea)): 0.0016 mg/l<br>Exposure time: 48 h   |
| Toxicity to algae/aquatic plants                                       | : | EC50 (algae): 0.822 mg/l<br>Exposure time: 72 h   |
| Toxicity to fish (Chronic toxicity)                                    | : | NOEC ( <i>Oncorhynchus mykiss</i> (rainbow trout)): 0.00012 mg/l<br>Exposure time: 21 d   |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC ( <i>Daphnia magna</i> (Water flea)): 0.0013 µg/l<br>Exposure time: 21 d<br><br>NOEC ( <i>Daphnia magna</i> (Water flea)): 0.00095 µg/l<br>Exposure time: 21 d   |
| Toxicity to soil dwelling organisms                                    | : | LD50 ( <i>Eisenia fetida</i> (earthworms)): > 16 mg/kg<br>Exposure time: 14 d   |
| Toxicity to terrestrial organisms                                      | : | LD50 ( <i>Colinus virginianus</i> (Bobwhite quail)): 1,800 mg/kg  |

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LD50 (Anas platyrhynchos (Mallard duck)): > 2,150 mg/kg

LD50 (Apis mellifera (bees)): 0.1 - 0.35 µg/bee  
Exposure time: 24 h  
End point: Acute oral toxicity  
Method: OECD Test Guideline 213

LD50 (Apis mellifera (bees)): 0.1 - 0.3 µg/bee  
Exposure time: 24 h  
End point: Acute contact toxicity  
Method: OECD Test Guideline 214

### α-cypermethrin (ISO):

Toxicity to fish	: LC50 (Fish): 0.0028 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Crustaceans): 0.0003 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	: EC50 (algae): 0.1 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity)	: NOEC (Fish): 0.00003 mg/l Exposure time: 21 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC (Crustaceans): 0.00003 mg/l Exposure time: 21 d
Toxicity to soil dwelling organisms	: LC50 (Eisenia fetida (earthworms)): > 100 mg/kg
Toxicity to terrestrial organisms	: LD50 (Apis mellifera (bees)): 0.059 µg/bee Remarks: Oral  LD50 (Apis mellifera (bees)): 0.033 µg/bee Remarks: Contact

### propane-1,2-diol:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 40,613 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: (Mysidopsis bahia (opossum shrimp)): 18,800 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	: EC50 (Pseudokirchneriella subcapitata (green algae)): 34,100 mg/l Exposure time: 48 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 13,020 mg/l Exposure time: 7 d

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Toxicity to microorganisms : EC50 (*Pseudomonas putida*): > 20,000 mg/l  
Exposure time: 18 h

### Persistence and degradability

#### Components:

##### **bifenthrin (ISO):**

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life (DT50): 2.2 d  
Hydrolysis: at 60 °C

Degradation half life (DT50): 15.6 d  
Hydrolysis: at 40 °C

##### **α-cypermethrin (ISO):**

Biodegradability : Result: Not readily biodegradable.

##### **propane-1,2-diol:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 23.6 %  
Exposure time: 64 d  
Method: OECD Test Guideline 306

### Bioaccumulative potential

#### Components:

##### **bifenthrin (ISO):**

Bioaccumulation : Species: *Lepomis macrochirus* (Bluegill sunfish)  
Bioconcentration factor (BCF): 1,709  
Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.  
See section 9 for octanol-water partition coefficient.

Partition coefficient: n-octanol/water : log Pow: 6.6

##### **α-cypermethrin (ISO):**

Partition coefficient: n-octanol/water : log Pow: 5.5 (20 °C)

##### **propane-1,2-diol:**

Partition coefficient: n-octanol/water : log Pow: -1.07



# SAFETY DATA SHEET



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### Mobility in soil

#### Components:

##### **bifenthrin (ISO):**

Distribution among environmental compartments : Koc: 236610 ml/g, log Koc: 5.37  
Remarks: immobile

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life with long lasting effects.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

UN number : UN 3352  
Proper shipping name : PYRETHROID PESTICIDE, LIQUID, TOXIC (Bifenthrin)  
Class : 6.1  
Packing group : III  
Labels : 6.1  
Environmentally hazardous : yes

#### **IATA-DGR**

UN/ID No. : UN 3352  
Proper shipping name : Pyrethroid pesticide, liquid, toxic (Bifenthrin)  
Class : 6.1  
Packing group : III  
Labels : Toxic  
Packing instruction (cargo aircraft) : 663  
Packing instruction (passenger aircraft) : 655

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### IMDG-Code

UN number	: UN 3352
Proper shipping name	: PYRETHROID PESTICIDE, LIQUID, TOXIC (Bifenthrin)
Class	: 6.1
Packing group	: III
Labels	: 6.1
EmS Code	: F-A, S-A
Marine pollutant	: yes

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

Not applicable for product as supplied.

### National Regulations

#### ADG

UN number	: UN 3352
Proper shipping name	: PYRETHROID PESTICIDE, LIQUID, TOXIC (Bifenthrin)
Class	: 6.1
Packing group	: III
Labels	: 6.1
Hazchem Code	: 2X
Environmentally hazardous	: yes

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

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

Therapeutic Goods (Poisons : Schedule 6  
Standard) Instrument

APVMA Approval No.: 69934

Prohibition/Licensing Requirements	: There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.
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### The components of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: Not in compliance with the inventory

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DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.

2-METHYLBIPHENYL-3-YLMETHYL (Z)-(1RS,3RS)-3-(2-CHLORO-3,3,3-TRIFLUOROPROP-1-ENYL)-2,2-DIMETHYLCYCLOPROPANECARBOXYLATE  
 $\alpha$ -cypermethrin (ISO)  
Sulfuric acid, mono-C8-14-alkyl esters, ammonium salts  
Smectite-group minerals

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

NZIoC : Not in compliance with the inventory

### SECTION 16: ANY OTHER RELEVANT INFORMATION

Revision Date : 29.04.2025

Date format : dd.mm.yyyy

#### Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

AU OEL / TWA : Exposure standard - time weighted average

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 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

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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

### Disclaimer

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