

# SAFETY DATA SHEET



## Ferterra® 0.39 GR insecticide

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	22.02.2023	50000063	Date of first issue: 22.02.2023

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Ferterra® 0.39 GR insecticide

#### Manufacturer or supplier's details

Company : FMC Corporation

Address : 2929 WALNUT ST  
PHILADELPHIA PA 19104  
USA

Telephone : (215) 299-6000

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

Emergency telephone : 1 703 / 741-5970 (CHEMTREC - International)  
1 703 / 527-3887 (CHEMTREC - Alternate)

Medical Emergency Number : All other countries: +1 651 / 632-6793 (Collect)

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

Recommended use : Can be used as insecticide only.

Restrictions on use : Use as recommended by the label.

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Long-term (chronic) aquatic hazard : Category 2

#### GHS label elements

Hazard pictograms :



Signal Word : None

Hazard Statements : H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**  
P273 Avoid release to the environment.  
**Response:**  
P391 Collect spillage.

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### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Chlorantraniliprole	500008-45-7	>= 0.25 - < 1
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	>= 1 - < 10

## 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and plenty of water.

In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing : High volume water jet

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media

- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
- Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
Keep in suitable, closed containers for disposal.

### 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type	Control parameter	Basis
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		(Form of exposure)	ters / Permissible concentration	
Talc ( $\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$ )	14807-96-6	TWA	0.1 fibres per cubic centimeter	ACGIH
		TWA (Respirable particulate matter)	2 mg/m <sup>3</sup>	ACGIH

### 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.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : granules

Color : blue green

Odor : none

pH : 4 - 8  
(aqueous suspension)

Flash point : Not applicable

Flammability (solid, gas) : The product is not flammable.

Density : 1.3 g/cm<sup>3</sup>

Explosive properties : Not explosive

Oxidizing properties : The product is not oxidizing.

## 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

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Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong bases Strong oxidizing agents Strong acids
Hazardous decomposition products	: Stable under recommended storage conditions.

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity	: LD50(Rat, female): > 5,000 mg/kg Method: OECD Test Guideline 425
Acute inhalation toxicity	: LC50(Rat, male and female): > 5.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhalation toxicity
Acute dermal toxicity	: LD50(Rat, male and female): > 5,000 mg/kg Method: OECD Test Guideline 402

#### Components:

##### Chlorantraniliprole:

Acute oral toxicity	: LD50 (Rat, female): > 5,000 mg/kg Method: OECD Test Guideline 425
Acute inhalation toxicity	: LC50 (Rat, male and female): > 5.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhalation toxicity
Acute dermal toxicity	: LD50 (Rat, male and female): > 5,000 mg/kg Method: OECD Test Guideline 402

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Acute oral toxicity	: LD0 (Rat, male): > 5,000 mg/kg Method: OECD Test Guideline 423 Remarks: no mortality
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Acute inhalation toxicity : LC0 (Rat, male and female): > 2.1 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Remarks: no mortality

Acute dermal toxicity : LD0 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Remarks: no mortality

### Skin corrosion/irritation

Not classified based on available information.

#### Product:

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

#### Components:

##### **Chlorantraniliprole:**

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

##### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Species : reconstructed human epidermis (RhE)  
Result : No skin irritation

### Serious eye damage/eye irritation

Not classified based on available information.

#### Product:

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

#### Components:

##### **Chlorantraniliprole:**

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

##### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

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

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**Respiratory or skin sensitization****Skin sensitization**

Not classified based on available information.

**Respiratory sensitization**

Not classified based on available information.

**Product:**

Test Type	: Local lymph node assay (LLNA)
Species	: mice
Method	: OECD Test Guideline 429
Result	: Not a skin sensitizer.

**Components:****Chlorantraniliprole:**

Test Type	: Maximization Test
Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: Does not cause skin sensitization.

Test Type	: Local lymph node assay (LLNA)
Species	: mice
Method	: OECD Test Guideline 429
Result	: Does not cause skin sensitization.

**Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Test Type	: Maximization Test
Routes of exposure	: Dermal
Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: Does not cause skin sensitization.

Routes of exposure	: Inhalation
Species	: Rat
Result	: Does not cause respiratory sensitization.

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****Chlorantraniliprole:**

Genotoxicity in vitro	: Test Type: reverse mutation assay Metabolic activation: with and without metabolic activation Result: negative
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Test Type: In vitro mammalian cell gene mutation test Test system: Chinese hamster ovary cells Method: OECD Test Guideline 476 Result: negative
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Genotoxicity in vivo	: Test Type: Micronucleus test
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Species: Mouse  
Method: OECD Test Guideline 474  
Result: negative

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Result: negative

Test Type: gene mutation test  
Method: QSAR  
Result: negative

Test Type: reverse mutation assay  
Result: negative

Genotoxicity in vivo : Test Type: dominant lethal test  
Species: Rat (male)  
Application Route: Oral  
Result: negative

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### Carcinogenicity

Not classified based on available information.

#### Components:

##### Chlorantraniliprole:

Species : Rat, male and female  
Application Route : Oral  
Exposure time : 2 Years  
NOAEL : 805 - 1,076 mg/kg bw/day  
Method : OECD Test Guideline 453  
Result : negative

Species : Mouse, male and female  
Application Route : Oral  
Exposure time : 18 month(s)  
NOAEL : 158 - 1,155 mg/kg bw/day  
Method : OECD Test Guideline 453  
Result : negative

Carcinogenicity - Assessment : Animal testing did not show any carcinogenic effects.

##### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Species : Rat, male and female  
Application Route : Oral  
Exposure time : 101 days



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Dose	:	100 mg/kg bw/day
NOAEL	:	100 mg/kg bw/day
Method	:	OECD Test Guideline 453
Result	:	negative
Target Organs	:	Stomach
Tumor Type	:	Leiomyosarcoma
Carcinogenicity - Assessment	:	Weight of evidence does not support classification as a carcinogen

**Reproductive toxicity**

Not classified based on available information.

**Components:****Chlorantraniliprole:**

Effects on fertility	:	Test Type: Two-generation study Species: Rat, male and female Application Route: Oral General Toxicity Parent: NOAEL: 20,000 ppm General Toxicity F1: NOAEL: 20,000 ppm Method: OECD Test Guideline 416 Result: negative
Effects on fetal development	:	Test Type: Pre-natal Species: Rat Application Route: Oral Duration of Single Treatment: 6 - 20 d General Toxicity Maternal: NOEL: 1,000 mg/kg bw/day Developmental Toxicity: NOEL: 1,000 mg/kg bw/day Method: OECD Test Guideline 414 Result: negative
Reproductive toxicity - Assessment	:	Weight of evidence does not support classification for reproductive toxicity

**Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Effects on fertility	:	Species: Rabbit, female Application Route: Oral Dose: 9, 42, 195, 900 mg/kg bw/day General Toxicity Parent: NOAEL: > 900 mg/kg body weight General Toxicity F1: NOAEL: > 900 mg/kg body weight Result: negative
Effects on fetal development	:	Test Type: reproductive and developmental toxicity study Species: Rat Application Route: Oral Dose: 0, 16, 74, 350, 1600 mg/kg bw/day Duration of Single Treatment: 20 d General Toxicity Maternal: NOAEL: >= 1,600 mg/kg bw/day Embryo-fetal toxicity: NOAEL: 1,600 mg/kg bw/day Result: negative
Reproductive toxicity - Assessment	:	Weight of evidence does not support classification for reproductive toxicity

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assessment                      ductive toxicity

Not classified based on available information.

Assessment	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
Remarks	: No significant adverse effects were reported

Assessment	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
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Not classified based on available information.

Assessment	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure., This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.
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Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Species	:	Rat, male and female
NOEL	:	1188 - 1526 mg/kg
Application Route	:	Oral
Exposure time	:	90 days
Method	:	OECD Test Guideline 408

Species	:	Rat, male and female
NOAEL	:	100 mg/kg
Application Route	:	Oral - feed
Exposure time	:	101 d
Dose	:	100 mg/kg bw/day

Species : Rat, male and female  
NOAEL : 2 mg/m3

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LOAEL	: 6 mg/m <sup>3</sup>
Application Route	: inhalation (dust/mist/fume)
Test atmosphere	: dust/mist
Exposure time	: 20 d
Dose	: 0, 2, 6, 18 mg/m <sup>3</sup>

### Aspiration toxicity

Not classified based on available information.

### Components:

#### Chlorantraniliprole:

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

### Further information

#### Product:

Remarks : No data available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 5,000 mg/l  
Exposure time: 96 h

Toxicity to terrestrial organisms : LD50: > 5,000 mg/kg  
End point: Acute oral toxicity  
Species: Columba livia (feral pigeon)

LD50: > 200 µg/bee  
Species: Honey Bee

### Components:

#### Chlorantraniliprole:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 13.8 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.0116 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 2 mg/l  
Exposure time: 120 h

EC50 (Lemna gibba (duckweed)): > 2 mg/l  
Exposure time: 14 d

NOEC (Lemna gibba (duckweed)): 2 mg/l  
Exposure time: 14 d

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ErC50 ( Selenastrum capricornutum (green algae)): > 2 mg/l  
Exposure time: 72 h

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : NOEC: 1.28 mg/l  
Exposure time: 36 d  
Species: Cyprinodon variegatus (sheepshead minnow)

NOEC: 0.110 mg/l  
Exposure time: 28 d  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.00447 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

M-Factor (Chronic aquatic toxicity) : 10

Toxicity to soil dwelling organisms : LC50: > 1,000 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)

Toxicity to terrestrial organisms : LD50: > 4.0 µg/bee  
Exposure time: 72 h  
End point: Acute contact toxicity  
Species: Apis mellifera (bees)  
Remarks: Active substance dissolved in acetone

LD50: > 0.005 µg/bee  
Exposure time: 48 h  
End point: Acute contact toxicity  
Species: Apis mellifera (bees)  
Remarks: Active substance dissolved in water

LD50: > 104.1 µg/bee  
Exposure time: 48 h  
End point: Acute oral toxicity  
Species: Apis mellifera (bees)  
Remarks: Active substance dissolved in acetone

LD50: > 0.0274 µg/bee  
Exposure time: 48 h  
End point: Acute oral toxicity  
Species: Apis mellifera (bees)  
Remarks: Active substance dissolved in water

LD50: > 2,250 mg/kg  
Species: Colinus virginianus (Bobwhite quail)

LC50: > 5,620 ppm  
Species: Anas platyrhynchos (Mallard duck)

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LD50: > 2,250 mg/kg  
Species: Poephila guttata (zebra finch)

### Talc ( $\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$ ):

Toxicity to fish	:	LC50 (Fish): 89,581.016 mg/l Exposure time: 96 h Method: QSAR
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 36,812.359 mg/l Exposure time: 48 h Method: QSAR
Toxicity to algae/aquatic plants	:	NOEC ( green algae): 918.089 mg/l Exposure time: 30 d Method: QSAR  EC50 ( green algae): 7,202.7 mg/l Exposure time: 96 h Method: QSAR
Toxicity to fish (Chronic toxicity)	:	NOEC: 1,412.648 mg/l Exposure time: 30 d Species: Fish Method: QSAR
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 1,459.798 mg/l Exposure time: 30 d Species: Daphnia Method: QSAR

### Persistence and degradability

#### Components:

##### Chlorantraniliprole:

Biodegradability	:	Result: Not readily biodegradable.
Stability in water	:	Degradation half life (DT50): 10 d pH: 9

### Bioaccumulative potential

#### Components:

##### Chlorantraniliprole:

Bioaccumulation	:	Species: Lepomis macrochirus (Bluegill sunfish) Bioconcentration factor (BCF): 15 Remarks: Bioaccumulation is unlikely.
Partition coefficient: n-octanol/water	:	log Pow: 2.77 (20 °C) pH: 4

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log Pow: 2.86 (20 °C)  
pH: 7

log Pow: 2.80 (20 °C)  
pH: 9

### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):

Bioaccumulation : Bioconcentration factor (BCF): 3.16  
Method: QSAR

Partition coefficient: n-octanol/water : log Pow: -9.4 (25 °C)  
pH: 7  
Method: QSAR

### Mobility in soil

#### Components:

#### Chlorantraniliprole:

Distribution among environmental compartments : Koc: 362 ml/g, log Koc: 2.55  
Remarks: Mobile in soils

Stability in soil : Remarks: Very persistent in soil.

### Other adverse effects

#### Product:

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

## 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.

## 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

UN number : UN 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

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N.O.S.  
(Chlorantraniliprole)  
Class : 9  
Subsidiary risk : ENVIRONM.  
Packing group : III  
Labels : 9 (ENVIRONM.)

### IATA-DGR

UN/ID No. : UN 3077  
Proper shipping name : Environmentally hazardous substance, solid, n.o.s.  
(Chlorantraniliprole)  
Class : 9  
Packing group : III  
Labels : Miscellaneous  
Packing instruction (cargo aircraft) : 956  
Packing instruction (passenger aircraft) : 956  
Environmentally hazardous : yes

### IMDG-Code

UN number : UN 3077  
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S.  
(Chlorantraniliprole)  
Class : 9  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F  
Marine pollutant : yes

### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

### 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.

## 15. REGULATORY INFORMATION

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

#### The ingredients of this product are reported in the following inventories:

TCSI : Not in compliance with the inventory  
TSCA : Product contains substance(s) not listed on TSCA inventory.  
AIIIC : Not in compliance with the inventory  
DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.

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3-BROMO-4'-CHLORO-1-(3-CHLORO-2-PYRIDYL)-2'-METHYL-6'-(METHYLCARBAMOYL)-1H-PYRAZOLE-5-CARBOXANILIDE

ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: Not in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: Not in compliance with the inventory
NZIoC	: Not in compliance with the inventory
TECI	: Not in compliance with the inventory

### 16. OTHER INFORMATION

Revision Date	: 22.02.2023
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#### Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA	: 8-hour, 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 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



# SAFETY DATA SHEET



## Ferterra® 0.39 GR insecticide

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	22.02.2023	50000063	Date of first issue: 22.02.2023

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es; (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

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