

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of amending  
Regulation (EC) No 1907/2006



## WARRANT

Version	Revision Date:	SDS Number:	Date of last issue: 15.06.2021
1.1	20.08.2021	50001847	Date of first issue: 15.06.2021

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

##### Other means of identification

Product code 50001847

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

Use of the Sub- stance/Mixture	Can be used as insecticide only.
Recommended restrictions on use	Use as recommended by the label.

#### 1.3 Manufacturer or supplier's details

##### Supplier Address

Cheminova Deutschland GmbH & Co. KG  
Stader Elbstrasse 28  
Stade, 21683  
Germany

Telephone: +49 (0) 4141 9204 0  
Telefax: +45 (0) 4141 9204 210  
E-mail address: datenblatt@fmc.com, SDS-Info@fmc.com (E-Mail General Information)

#### 1.4 Emergency telephone number

For leak, fire, spill or accident emergencies, call:  
Germany: +49-69643508409 (CHEMTREC)  
0800-181-7059 (CHEMTREC)

Medical emergency:  
Germany: +49 (0) 551 19240

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### **Classification (REGULATION (EC) No 1272/2008)**

Long-term (chronic) aquatic hazard, Category 1	H410: Very toxic to aquatic life with long lasting effects.
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Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.
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### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

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

Supplemental Hazard : EUH401 To avoid risks to human health and the  
Statements environment, comply with the instructions for use.

Precautionary statements : **Prevention:**  
P273 Avoid release to the environment.  
**Response:**  
P391 Collect spillage.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:  
imidacloprid (ISO)

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
imidacloprid (ISO)	138261-41-3 428-040-8 612-252-00-4	Acute Tox. 3; H301 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10	>= 70 - < 90

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Lignosulfonic acid, sodium salt, sulfomethylated	68512-34-5	Eye Irrit. 2; H319	>= 1 - < 10
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For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of 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	: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. 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.

### 4.2 Most important symptoms and effects, both acute and delayed

Risks	: Harmful if swallowed or if inhaled.
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### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	: Dry chemical, CO <sub>2</sub> , water spray or regular foam.
Unsuitable extinguishing media	: High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	: Thermal decomposition can lead to release of irritating gases and vapours.
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Halogenated compounds  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Special protective equipment : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Avoid dust formation.  
Avoid breathing dust.

### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Neutralise with acid.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of respirable particles.  
Do not breathe vapours/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : When using do not eat or drink. When using do not smoke.

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Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

Storage class (TRGS 510) : 11, Combustible Solids

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Agricultural compounds

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

Substance name	End Use	Exposure routes	Potential health effects	Value
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**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Substance name	Environmental Compartment	Value
imidacloprid (ISO)	Fresh water	0,036 mg/l

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : No personal respiratory protective equipment normally required.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

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Appearance	:	granules
Colour	:	brown
Odour	:	characteristic
pH	:	10,46 (25 °C)
Solubility(ies) Water solubility	:	0,61 g/l
Explosive properties	:	Not explosive
Oxidizing properties	:	Non-oxidizing

### 9.2 Other information

Self-ignition	:	> 400 °C
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	No decomposition if stored and applied as directed.
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Dust may form explosive mixture in air.

### 10.4 Conditions to avoid

Conditions to avoid	:	No data available
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### 10.5 Incompatible materials

Materials to avoid	:	Not applicable
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### 10.6 Hazardous decomposition products

Stable under recommended storage conditions.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Harmful if swallowed or if inhaled.

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Acute oral toxicity : LD50 Oral (Rat): 1.044 mg/kg  
Method: OECD Test Guideline 425

Acute inhalation toxicity : LC50 (Rat, male): > 4,36 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

LC50 (Rat, female): > 5,10 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402

### Components:

#### **imidacloprid (ISO):**

Acute oral toxicity : LD50 (Rat, male): 379 - 648 mg/kg  
Method: OECD Test Guideline 401

LD50 (Mouse): 131 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5,323 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

LC50 (Rat): > 0,069 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): > 5.000 mg/kg  
Method: OECD Test Guideline 402

#### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Acute oral toxicity : LD50 (Rat, female): > 10 g/kg

#### **Skin corrosion/irritation**

Not classified based on available information.

#### Product:

Method : OECD Test Guideline 404  
Result : Mild skin irritation

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Remarks : May cause skin irritation and/or dermatitis.

### Components:

#### **imidacloprid (ISO):**

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

#### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Result : No skin irritation

#### **Serious eye damage/eye irritation**

Not classified based on available information.

### Product:

Method	: OECD Test Guideline 405
Result	: Slight or no eye irritation

Remarks : Product dust may be irritating to eyes, skin and respiratory system.

### Components:

#### **imidacloprid (ISO):**

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

#### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Result : Moderate eye irritation

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

Not classified based on available information.

##### **Respiratory sensitisation**

Not classified based on available information.

### Product:

Method	: OECD Test Guideline 429
Result	: Not a skin sensitizer.

### Components:

#### **imidacloprid (ISO):**

Species	: Guinea pig
Method	: OECD Test Guideline 406



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Result : Does not cause skin sensitisation.

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Species : Guinea pig  
Result : Not a skin sensitizer.

### **Germ cell mutagenicity**

Not classified based on available information.

#### **Components:**

##### **imidacloprid (ISO):**

Genotoxicity in vitro : Test system: Chinese hamster ovary cells  
Method: OECD Test Guideline 476  
Result: negative

Genotoxicity in vivo : Test Type: gene mutation test  
Species: Mouse  
Method: OECD Test Guideline 483  
Result: negative

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

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Genotoxicity in vitro : Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Remarks: No data available

### **Carcinogenicity**

Not classified based on available information.

#### **Components:**

##### **imidacloprid (ISO):**

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Remarks : No data available

### **Reproductive toxicity**

Not classified based on available information.

#### **Components:**

##### **imidacloprid (ISO):**

Effects on fertility : Method: OECD Test Guideline 416

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Result: Animal testing did not show any effects on fertility.

Effects on foetal development : Method: OECD Test Guideline 414  
Result: No teratogenic effects

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

### **STOT - single exposure**

Not classified based on available information.

#### **Components:**

##### **imidacloprid (ISO):**

Remarks : No significant adverse effects were reported

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Remarks : No data available

### **STOT - repeated exposure**

Not classified based on available information.

#### **Components:**

##### **imidacloprid (ISO):**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Remarks : No data available

### **Repeated dose toxicity**

#### **Components:**

##### **imidacloprid (ISO):**

Species : Rat, female  
NOAEL : 83,3 mg/kg  
Method : OECD Test Guideline 408  
Symptoms : Reduced body weight, Liver effects

Species : Rat, male  
NOAEL : 14 mg/kg  
Method : OECD Test Guideline 408

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Symptoms : Reduced body weight

### Aspiration toxicity

Not classified based on available information.

### Components:

#### imidacloprid (ISO):

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

### Further information

#### Product:

Remarks : No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
plants Exposure time: 72 h

Toxicity to soil dwelling or- : LC50: 15 mg/kg  
ganisms Exposure time: 14 d  
Species: Eisenia fetida (earthworms)

Toxicity to terrestrial organ- : LD50: 1.055 mg/kg  
isms Species: Colinus virginianus (Bobwhite quail)

LD50: 0,0036 µg/bee  
Exposure time: 48 h  
Species: Apis mellifera (bees)

### Components:

#### imidacloprid (ISO):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 211 mg/l  
Exposure time: 96 h  
Test Type: semi-static test

LC50 (Leuciscus idus (Golden orfe)): 237 mg/l  
Exposure time: 96 h

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		LC50 (Lepomis macrochirus (Bluegill sunfish)): > 105 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 85 mg/l Exposure time: 48 h
		LC50 (Hyaella azteca (Amphipod)): 0,526 mg/l Exposure time: 96 h
		EC50 (Americamysis bahia (mysid shrimp)): 0,0341 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	IC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	:	10
Toxicity to microorganisms	:	IC50 (activated sludge): >10000 milligram per kilogram
Toxicity to fish (Chronic toxicity)	:	NOEC: 28,5 mg/l Exposure time: 21 d Species: Salmo gairdneri
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 1,8 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Test Type: semi-static test
		EC10: 0,00209 mg/l Exposure time: 28 d Species: Chironomus riparius (harlequin fly)
M-Factor (Chronic aquatic toxicity)	:	10
Toxicity to soil dwelling organisms	:	LC50: 10.7 mg/kg dry weight (d.w.) Exposure time: 14 d Species: Eisenia fetida (earthworms)
Toxicity to terrestrial organisms	:	LD50: 31 mg/kg Species: Coturnix japonica (Japanese quail)
		LD50: 0,0081 µg/bee Exposure time: 48 h Species: Apis mellifera (bees)
		LD50: 0,0037 µg/bee Exposure time: 48 h End point: Acute oral toxicity Species: Apis mellifera (bees)

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LD50: 2.225 ppm  
Exposure time: 5 d  
Species: Coturnix japonica (Japanese quail)

### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 615 mg/l  
Exposure time: 96 h

## 12.2 Persistence and degradability

### Components:

#### **imidacloprid (ISO):**

Biodegradability : Result: Not readily biodegradable.

#### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: < 5 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E

## 12.3 Bioaccumulative potential

### Components:

#### **imidacloprid (ISO):**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 0,57 (21 °C)

#### **Lignosulfonic acid, sodium salt, sulfomethylated:**

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : log Pow: -3,45

## 12.4 Mobility in soil

### Components:

#### **imidacloprid (ISO):**

Distribution among environmental compartments : Remarks: Moderately mobile in soils

## 12.5 Results of PBT and vPvB assessment

### Product:

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Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Other adverse effects

#### Product:

Additional ecological information : No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.  
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.

## SECTION 14: Transport information

### 14.1 UN number

ADN : UN 3077  
ADR : UN 3077  
RID : UN 3077  
IMDG : UN 3077  
IATA : UN 3077

### 14.2 UN proper shipping name

ADN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Imidacloprid)

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Imidacloprid)

RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Imidacloprid)

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
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**IATA** : Environmentally hazardous substance, solid, n.o.s.  
(Imidacloprid)

### 14.3 Transport hazard class(es)

**ADN** : 9  
**ADR** : 9  
**RID** : 9  
**IMDG** : 9  
**IATA** : 9

### 14.4 Packing group

**ADN**  
Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9

**ADR**  
Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (-)

**RID**  
Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9

**IMDG**  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 956  
Packing instruction (LQ) : Y956  
Packing group : III  
Labels : Miscellaneous

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 956  
Packing instruction (LQ) : Y956  
Packing group : III  
Labels : Miscellaneous

### 14.5 Environmental hazards

**ADN**  
Environmentally hazardous : no

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### ADR

Environmentally hazardous : no

### RID

Environmentally hazardous : no

### IMDG

Marine pollutant : no

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

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.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

E1 ENVIRONMENTAL  
HAZARDS

Water contaminating class : WGK 3 highly hazardous to water  
(Germany) Classification according to AwSV, Annex 1 (5.2)



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TA Luft List (Germany) : Total dust:  
Not applicable  
Inorganic substances in powdered form:  
Not applicable  
Inorganic substances in vapour or gaseous form:  
Not applicable  
Organic Substances:  
Not applicable  
Carcinogenic substances:  
Not applicable  
Mutagenic:  
Not applicable  
Toxic to reproduction:  
Not applicable

### The components 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.

AICS : Not in compliance with the inventory

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

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

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

## SECTION 16: Other information

### Full text of H-Statements

H301 : Toxic if swallowed.  
H319 : Causes serious eye irritation.  
H400 : Very toxic to aquatic life.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of amending  
Regulation (EC) No 1907/2006



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H410 : Very toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Irrit.	: Eye irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; 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; 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Aquatic Chronic 1	H410
Aquatic Acute 1	H400

#### Classification procedure:

Calculation method
Calculation method

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