

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

### 1.1. Product identifier

Trade name or designation of the mixture	Agita 10WG
Registration number	-
Synonyms	A-11234 B * A-11234 A
Item Code	MN4325

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

Identified uses	Insecticide
Uses advised against	None known.

### 1.3. Details of the supplier of the safety data sheet

#### National Supplier

Company name	Elanco GmbH
Address	Heinz-Lohmann-Str. 4 27472 Cuxhaven Germany
Telephone	+31-30-602-5955
E-mail	elanco_sds@elanco.com

### 1.4. Emergency telephone number

CHEMTREC International +1-703-527-3887  
Nationaal Vergiftigingen Informatie Centrum (NVIC) 030 274 88 88

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.


#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Environmental hazards

Hazardous to the aquatic environment, acute aquatic hazard	Category 1	H400 - Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term aquatic hazard	Category 1	H410 - Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Contains:	Thiamethoxam
Hazard pictograms	

Signal word: Warning

#### Hazard statements

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

#### Precautionary statements

##### Prevention

P102	Keep out of reach of children.
P103	Read label before use.
P273	Avoid release to the environment.

##### Response

P101	If medical advice is needed, have product container or label at hand.
P391	Collect spillage.

Storage: Not available.

## Disposal

P501

Dispose of contents/container to an approved incineration plant.

**Supplemental label information** None.

**2.3. Other hazards** Toxic to bees.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Thiamethoxam	10	153719-23-4 428-650-4	-	613-267-00-9	
<b>Classification:</b>	Flam. Sol. 1;H228, Acute Tox. 4;H302, Aquatic Acute 1;H400(M=10), Aquatic Chronic 1;H410(M=10)				
(Z)-9-TRICOSENE	0,01 - 0,1	27519-02-4 248-505-7	-	601-089-00-4	
<b>Classification:</b>	Skin Sens. 1B;H317				

#### List of abbreviations and symbols that may be used above

M: M-factor

**Composition comments** Remaining components of this product are non-hazardous and/or are present at concentrations below reportable levels.

## SECTION 4: First aid measures

#### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 4.1. Description of first aid measures

##### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

##### Skin contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

##### Eye contact

Rinse with water. Get medical attention if irritation develops and persists.

##### Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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

None known.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

#### General fire hazards

No unusual fire or explosion hazards noted.

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

##### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

During fire, gases hazardous to health may be formed.

#### 5.3. Advice for firefighters

##### Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

##### Special fire fighting procedures

Use water spray to cool unopened containers.

#### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Keep unnecessary personnel away.

##### For emergency responders

Keep unnecessary personnel away.

#### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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

Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water.

#### 6.4. Reference to other sections

Refer to Sections 8, 11, 12 and 13 for more information.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Read label before use. Keep away from food, drink and animal feeding stuffs. Observe good industrial hygiene practices.

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

Store in original tightly closed container. Store below 25°C.

#### 7.3. Specific end use(s)

Insecticide

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

###### Elanco OEL Components

###### Type

###### Value

THIAMETHOXAM (CAS 153719-23-4)

TWA (8hrs)

42 µg/m<sup>3</sup>

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

#### Recommended monitoring procedures

Not available.

#### Derived no effect levels (DNELs)

Not available.

#### Predicted no effect concentrations (PNECs)

Not available.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

##### Individual protection measures, such as personal protective equipment

###### General information

Not available.

###### Eye/face protection

Safety glasses with side-shields conforming to EN 166.

###### Skin protection

###### - Hand protection

Protective gloves complying with EN 374.

###### - Other

Wear suitable protective clothing. (EN 14605 for splashes, EN ISO 13982 for dust).

###### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

###### Thermal hazards

Not available.

##### Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

##### Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

Granular.

###### Physical state

Solid.

###### Form

Solid.

###### Colour

White or Beige.

##### Odour

Odourless.

##### Odour threshold

Not available.

##### pH

Not available.

##### Melting point/freezing point

Not available.

##### Initial boiling point and boiling range

Not available.

##### Flash point

Not available.

##### Evaporation rate

Not available.

##### Flammability (solid, gas)

Not a flammable solid

Material name: Agita 10WG

SDS Netherlands

Version #: 03 Revision date: 02-January-2019 Issue date: 30-August-2018 Supersedes date: 24-December-2018

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**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Vapour pressure** Not available.

**Vapour density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Explosive properties** Not explosive.

**Oxidising properties** Not oxidising.

**9.2. Other information**

**Density** 0,50 - 0,70 g/cm<sup>3</sup>

**Miscible (water)** miscible

**pH in aqueous solution** 6,8 - 8,8 (1%)

**SECTION 10: Stability and reactivity**

**10.1. Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability** Material is stable under normal conditions.

**10.3. Possibility of hazardous reactions** Hazardous polymerisation does not occur.

**10.4. Conditions to avoid** Contact with incompatible materials.

**10.5. Incompatible materials** Strong oxidising agents.

**10.6. Hazardous decomposition products** No hazardous decomposition products are known.

**SECTION 11: Toxicological information**

**General information** Not available.

**11.1. Information on toxicological effects****Acute toxicity**

Product	Species	Test Results
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Agita 10WG

**Acute****Dermal**

LD50	Rat	> 2000 mg/kg
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**Oral**

LD50	Rat	> 5000 mg/kg
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Components	Species	Test Results
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Thiamethoxam (CAS 153719-23-4)

**Acute****Dermal**

LD50	Rat	> 2000 mg/kg
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**Inhalation**

LC50	Rat	> 3720 mg/m <sup>3</sup>
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**Oral**

LD50	Rat	1563 mg/kg
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**Skin corrosion/irritation** Rabbit: No irritation.  
Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Rabbit: No irritation  
Based on available data, the classification criteria are not met.

<b>Respiratory sensitisation</b>	Due to lack of data the classification is not possible.
<b>Skin sensitisation</b>	Not a skin sensitiser. Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Result in genetic toxicity assays (in vitro and in vivo): Negative (Thiamethoxam) Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	No effects identified in animal studies. (Thiamethoxam) Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	No effects identified in animal studies. (Thiamethoxam) Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	No significant target organ toxicity reported. (Thiamethoxam) Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	No significant target organ toxicity reported. (Thiamethoxam) Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Mixture versus substance information</b>	No information available.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

**12.1. Toxicity** Very toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Thiamethoxam (CAS 153719-23-4)			
	EC50	Cloeon sp.	0,014 mg/l, 48 hours
	LC50	Earthworm (Eisenia foetida)	> 1000 mg/kg, 14 days
<b>Aquatic</b>			
Algae	EbC50	Green algae (Selenastrum capricornutum)	> 81,8 mg/l, 72 hours
	ErC50	Green algae (Selenastrum capricornutum)	> 81,8 mg/l, 72 hours
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	> 100 mg/l, 96 hours
Other	EC50	Sewage Microorganisms	> 100 mg/l, 3 hours (activated sewage sludge)
<b>Terrestrial</b>			
	LD50	Duck	576 mg/kg, 14 days
Other	LD50	Quail	1552 mg/kg, 14 days
Sediment	EC50	Midge (Chironomus riparius)	0,035 mg/l, 48 hours (Static water/sediment system (water□spiked))
	NOEC	Midge (Chironomus riparius)	0,01 mg/l, 30 days (Static water/sediment system (water□spiked))

**12.2. Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water (log Kow)

Thiamethoxam -0,13, at 25 °C

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** The product contains a substance which is toxic to bees. (Thiamethoxam)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods/information** Dispose of contents/container to an approved incineration plant.

## SECTION 14: Transport information

**General information** Effective January 1, 2015 by Special Provision, UN3077 and UN3082 when packaged in inner packages of 5L / 5 KG or less are not subject to the dangerous goods regulations.

### ADR

**14.1. UN number** UN3077  
**14.2. UN proper shipping name** Environmentally hazardous substance, solid, n.o.s. (THIAMETHOXAM)  
**14.3. Transport hazard class(es)**  
Class 9  
Subsidiary risk -  
Label(s) 9  
Hazard No. (ADR) 90  
Tunnel restriction code E  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Not available.

### RID

**14.1. UN number** UN3077  
**14.2. UN proper shipping name** Environmentally hazardous substance, solid, n.o.s. (THIAMETHOXAM)  
**14.3. Transport hazard class(es)**  
Class 9  
Subsidiary risk -  
Label(s) 9  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Not available.

### ADN

**14.1. UN number** UN3077  
**14.2. UN proper shipping name** Environmentally Hazardous Solid, N.o.s. (THIAMETHOXAM)  
**14.3. Transport hazard class(es)**  
Class 9  
Subsidiary risk -  
Label(s) 9  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Not available.

### IATA

**14.1. UN number** UN3077  
**14.2. UN proper shipping name** Environmentally hazardous substance, solid, n.o.s. (THIAMETHOXAM)  
**14.3. Transport hazard class(es)**  
Class 9  
Subsidiary risk -  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**ERG Code** 9L  
**14.6. Special precautions for user** Not available.

#### Other information

**Passenger and cargo aircraft** Allowed with restrictions.  
**Cargo aircraft only** Allowed with restrictions.

### IMDG

**14.1. UN number** UN3077  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (THIAMETHOXAM)  
**14.3. Transport hazard class(es)**  
Class 9  
Subsidiary risk -  
**14.4. Packing group** III

#### 14.5. Environmental hazards

Marine pollutant

Yes

EmS

F-A, S-F

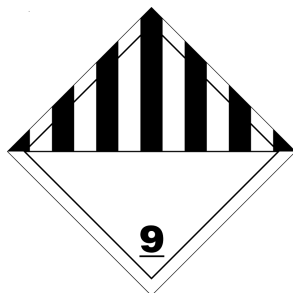
14.6. Special precautions for user

Not available.

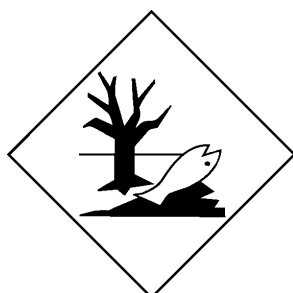
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

ADN; ADR; IATA; IMDG; RID



Marine pollutant



## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

#### Other EU regulations

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Thiamethoxam (CAS 153719-23-4)

#### Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EC directives.

**National regulations** Follow national regulation for work with chemical agents.

**15.2. Chemical safety assessment** No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

Elanco OEL: Elanco Occupational Exposure Limit.  
TWA: Time Weighted Average Value.  
EN: European norm.  
ISO: International Standards Organization.  
LD50: Lethal Dose 50%.  
LC50: Lethal Concentration 50%.  
EC50: Effective Concentration 50%.  
PBT: Persistent, bioaccumulative, toxic.  
vPvB: very Persistent, very Bioaccumulative.

### References

Not available.

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any H-statements not written out in full under Sections 2 to 15

H228 Flammable solid.  
H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

### Revision information

Composition / Information on Ingredients: Ingredients  
Toxicological Information: Toxicological Property Data

### Disclaimer

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:  
Elanco Animal Health  
0011+1-877-352-6261  
0011+1-800-428-4441