



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Agita 1 GB  
**Other means of identification**  
**Synonyms** A-12339 A \* Agita 1 \* Agita 1 GB Fly Bait  
**Recommended use** Insecticide  
**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

**Company name** Elanco Animal Health  
**Division** Eli Lilly Canada Inc.  
**Address** Research Park Center  
150 Research Lane, Suite 120  
Guelph, ON N1G 4T2  
**Country** Canada  
**Telephone** +1+317-276-2000  
**E-mail** lilly\_msds@lilly.com

**Dangerous Goods** CANUTEC (24 HR) 1-613-996-6666  
**Emergency**  
**Supplier** Not available.

## 2. Hazard(s) identification

**Physical hazards** Combustible dusts Category 1  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

### Label elements

**Hazard symbol** None.  
**Signal word** Warning  
**Hazard statement** May form combustible dust concentrations in air.  
**Precautionary statement**  
**Prevention** Not available.  
**Response** Not available.  
**Storage** Not available.  
**Disposal** Not available.

**Other hazards** None known.

**Supplemental information** Contains (Z)-9-TRICOSENE. May produce an allergic reaction.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
(Z)-9-TRICOSENE		27519-02-4	0.1
THIAMETHOXAM	Thiamethoxam Tech. Bulk Kg 3-(2-chloro-thiazol-5-ylmethyl)-5-methyl-[1,3, 5]oxadiazinan-4-ylidene-Nnitroamine Thiamethoxam Tech.	153719-23-4	1

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

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	None known.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Dry chemical powder. Foam. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Dust may form explosive mixture with air.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Provide adequate ventilation. Wash hands thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Store at: 2 - 30 C.

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Elanco OEL: 0.042 mg/m <sup>3</sup> 8 hour TWA (Active ingredient)
<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Chemical resistant gloves.
<b>Other</b>	Chemical-resistant gloves and impermeable body covering to minimize skin contact.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	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.

## 9. Physical and chemical properties

<b>Appearance</b>	Granular.
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Color</b>	Yellow
<b>Odor</b>	Odorless.
<b>Odor threshold</b>	Not available.
<b>pH</b>	5.5 - 8.5
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not a flammable solid
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	0.00001 hPa
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	0.50 - 0.70 g/cm <sup>3</sup>
<b>Explosive properties</b>	Not explosive
<b>Miscible (water)</b>	miscible
<b>Oxidizing properties</b>	The substance or mixture is not classified as oxidizing.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
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Product	Species	Test Results
Agita 1 GB		
<b>Acute</b>		
<b>Dermal</b>	Rat	> 2000 mg/kg
<b>Oral</b>	Rat	> 5000 mg/kg
Components	Species	Test Results
(Z)-9-TRICOSENE (CAS 27519-02-4)		
<b>Acute</b>		
<b>Dermal</b>	Rat	> 2000 mg/kg
<b>Inhalation</b>	Rat	> 5700 mg/m <sup>3</sup>
<b>Oral</b>	Rat	> 5700 mg/kg
THIAMETHOXAM (CAS 153719-23-4)		
<b>Acute</b>		
<b>Dermal</b>	Rat	> 2000 mg/kg
<b>Inhalation</b>	Rat	> 3720 mg/m <sup>3</sup>
<b>Oral</b>	Rat	1563 mg/kg
<b>Skin corrosion/irritation</b>	Rabbit: No irritation Based on available data, the classification criteria are not met.	
<b>Serious eye damage/eye irritation</b>	Rabbit: No irritation Based on available data, the classification criteria are not met.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Due to lack of data the classification is not possible.	
<b>Skin sensitization</b>	Guinea pig: Not a skin sensitizer. 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>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. No effects identified in animal studies. (Thiamethoxam) No data available for remaining ingredients. Due to partial or complete lack of data the classification is not possible.	
<b>Reproductive toxicity</b>	No significant adverse effects reported. (Thiamethoxam) No data available for remaining ingredient(s). Due to partial or complete lack of data the classification is not possible.	
<b>Specific target organ toxicity - single exposure</b>	Due to lack of data the classification is not possible.	
<b>Specific target organ toxicity - repeated exposure</b>	No significant target organ toxicity reported. (Thiamethoxam) No data available for remaining ingredients. Due to partial or complete lack of data the classification is not possible.	
<b>Aspiration hazard</b>	Not applicable.	
<b>12. Ecological information</b>		
<b>Ecotoxicity</b>	Toxic to aquatic life with long lasting effects.	

Components	Species	Test Results
<b>(Z)-9-TRICOSENE (CAS 27519-02-4)</b>		
<b>Aquatic</b>		
<i>Acute</i>		
Crustacea	LC50	Daphnia magna > 100 mg/kg
Fish	LC50	Salmo gairdneri (new name) Oncorhynchus mykiss > 100 mg/kg
<b>THIAMETHOXAM (CAS 153719-23-4)</b>		
<i>Acute</i>		
	EC50	Daphnia magna (Cloeon sp.) 0.014 mg/l, 48 h
Other	LD50	Duck 576 mg/kg, 14 d Quail 1552 mg/kg, 14 d
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EbC50	Green algae (Selenastrum capricornutum) > 81.8 mg/l, 72 h
	ErC50	Green algae (Selenastrum capricornutum) > 81.8 mg/l, 72 h
Crustacea	EC50	Daphnia magna > 100 mg/l, 48 h
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss) > 100 mg/l, 96 h
Other	EC50	Sewage Microorganisms > 100 mg/l, 3 h (activated sewage sludge)
<b>Terrestrial</b>		
<i>Acute</i>		
Other	LC50	Earthworm (Eisenia foetida) > 1000 mg/kg, 14 d

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

**Bioaccumulative potential**

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

THIAMETHOXAM -0.13, at 25 °C

**Mobility in soil** No data available.

**Other adverse effects** The product contains a substance which is toxic to bees.

**13. Disposal considerations**

**Disposal methods/information** Dispose of contents/container in accordance with local/regional/national/international regulations.

**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.

**TDG**

**UN number** UN3077  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (THIAMETHOXAM)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards** Yes  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**IATA**

**UN number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s. (THIAMETHOXAM)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III

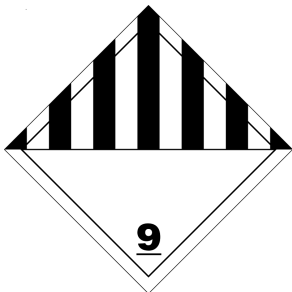
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	9L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

#### IMDG

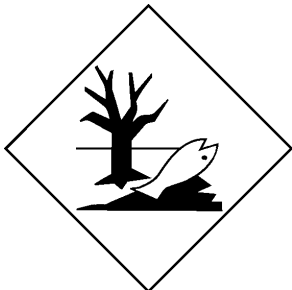
<b>UN number</b>	UN3077
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (THIAMETHOXAM)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-F
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

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

#### IATA; IMDG; TDG



#### Marine pollutant



## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

#### Controlled Drugs and Substances Act

Not regulated.

#### Export Control List (CEPA 1999, Schedule 3)

Not listed.

#### Greenhouse Gases

Not listed.

#### Precursor Control Regulations

Not regulated.

#### International regulations

##### Stockholm Convention

Not applicable.

##### Rotterdam Convention

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information****Issue date** 12-08-2016**Version #** 01

**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 MATERIAL 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:

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**Revision information** Product and Company Identification: Synonyms  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Toxicological Information: Toxicological Property Data  
Regulatory Information: Risk Phrases - Labeling  
GHS: Classification