



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

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.
Most important symptoms/effects, acute and delayed	None known.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

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

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	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.
Methods and materials for containment and cleaning up	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.
Environmental precautions	Avoid release to the environment.

7. Handling and storage

Precautions for safe handling	Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Provide adequate ventilation. Wash hands thoroughly after handling.
Conditions for safe storage, including any incompatibilities	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

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

Appearance	Granular.
Physical state	Solid.
Form	Solid.
Color	Yellow
Odor	Odorless.
Odor threshold	Not available.
pH	5.5 - 8.5
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
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.00001 hPa
Vapor 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.
Other information	
Density	0.50 - 0.70 g/cm ³
Explosive properties	Not explosive
Miscible (water)	miscible
Oxidizing properties	The substance or mixture is not classified as oxidizing.

10. Stability and reactivity

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

11. Toxicological information

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
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Product	Species	Test Results
Agita 1 GB		
Acute		
Dermal	Rat	> 2000 mg/kg
Oral	Rat	> 5000 mg/kg
Components	Species	Test Results
(Z)-9-TRICOSENE (CAS 27519-02-4)		
Acute		
Dermal	Rat	> 2000 mg/kg
Inhalation	Rat	> 5700 mg/m ³
Oral	Rat	> 5700 mg/kg
THIAMETHOXAM (CAS 153719-23-4)		
Acute		
Dermal	Rat	> 2000 mg/kg
Inhalation	Rat	> 3720 mg/m ³
Oral	Rat	1563 mg/kg
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.	
Respiratory or skin sensitization		
Respiratory sensitization	Due to lack of data the classification is not possible.	
Skin sensitization	Guinea pig: Not a skin sensitizer. Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	Result in genetic toxicity assays (in vitro and in vivo): Negative (Thiamethoxam) Based on available data, the classification criteria are not met.	
Carcinogenicity	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.	
Reproductive toxicity	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.	
Specific target organ toxicity - single exposure	Due to lack of data the classification is not possible.	
Specific target organ toxicity - repeated exposure	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.	
Aspiration hazard	Not applicable.	
12. Ecological information		
Ecotoxicity	Toxic to aquatic life with long lasting effects.	

Components	Species	Test Results
(Z)-9-TRICOSENE (CAS 27519-02-4)		
Aquatic		
<i>Acute</i>		
Crustacea	LC50	Daphnia magna > 100 mg/kg
Fish	LC50	Salmo gairdneri (new name) Oncorhynchus mykiss > 100 mg/kg
THIAMETHOXAM (CAS 153719-23-4)		
<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
Aquatic		
<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)
Terrestrial		
<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

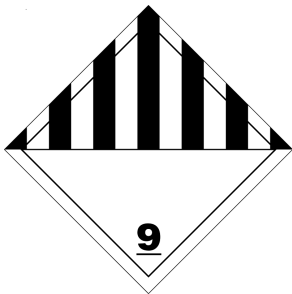
Environmental hazards Yes
ERG Code 9L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Other information
Passenger and cargo aircraft Allowed with restrictions.
Cargo aircraft only Allowed with restrictions.

IMDG

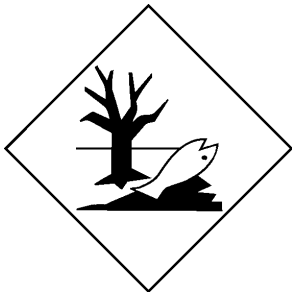
UN number UN3077
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (THIAMETHOXAM)
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant Yes
EmS F-A, S-F
Special precautions for user Read safety instructions, SDS and emergency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

Country(s) or region	Inventory name	On inventory (yes/no)*
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

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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