

MATERIAL SAFETY DATA SHEET**STATEMENT OF HAZARDOUS NATURE:**

Not hazardous according to the criteria of Worksafe Australia

COMPANY DETAILS:

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IDENTIFICATION**PRODUCT NAME:- AGITA® 10 Fly Bait**

Formulation type:	Granule	Dangerous Goods Class:	none allocated
CIBA-GEIGY No.:	CGA 293343	Subsidiary Risk:	none allocated
Chemical Type:	Nicotinoid	Hazchem Code:	none allocated
Chemical name	4H-1,3,5-oxadiazin-4-imine, 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-; thiamethoxam (ISO draft proposal)	Packaging Group:	none allocated
U.N. Number:	none allocated	Poisons Schedule:	5
		WHO Hazard Class:	III

USE - For the control of house flies (*Musca domestica*) in animal housing including dairies, cattle feedlots, abattoirs, piggeries, poultry facilities, horse stables, and kennels.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Yellow granules	Solubility in Water (20°C):	insoluble
Odour:	non-specific	Flammability:	Not highly flammable
		Combustibility:	Combustible

OTHER PROPERTIES:

Bulk density	0.5 - 0.7 g/cm ³
Oxidising properties (airborne dust)	Product is not considered to be an oxidising substance
Corrosiveness:	Slightly corrosive to iron, steel and tinfoil; non-corrosive to galvanised sheet metal, stainless steel and polyethylene.
pH of 1% aqueous solution:	5.5 - 8.5
Particle size:	<630 µm: Not more than 5% (at release) >3.15 mm: Not more than 30% (at release)

INGREDIENTS

	CAS No.	Concentration (% w/w)
Thiamethoxam	153719-23-4	1
(Z)-9-tricosene	27519-02-4	0.1
Other ingredients determined not to be hazardous	-	up to 100

HEALTH HAZARD INFORMATION**HEALTH EFFECTS**

Note: AGITA 10 represents only a slight health hazard.

ACUTE Toxicity

Swallowed:	Not harmful Tests on rats indicate AGITA 10 is not harmful if ingested in a single dose. Acute LD ₅₀ (oral-rat) = > 5000 mg/kg).
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AGITA 10

Dermal

Adsorption: **Not harmful**
Tests on rats indicate AGITA 10 is not harmful due to skin contact.
LD₅₀ (dermal-rat) = > 5000 mg/kg

Inhaled: **Not harmful**
LC₅₀ (4h) (inhal-rat) = > 20000 mg/m³. Poisoning by the inhalation route may occur if dust is present. Take care not to inhale dust.

Irritation (Based on studies with rabbits)

Eye: **Non-irritant (rabbit)**

Skin: **Non-irritant (rabbit)**

Sensitisation

Skin: **Classed as non-sensitiser** based on results observed with thiamethoxam technical on guinea pigs.

CHRONIC

Toxicity -

Thiamethoxam Technical has been extensively tested on laboratory mammals and in test tube systems. No evidence of mutagenic, carcinogenic, teratogenic or reproductive effects was obtained.

Poisoning Symptoms – No data available.

FIRST AID

In case of poisoning by any exposure route, remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from undercooling. Contact a doctor or Poisons Information Centre (Ph 131126) immediately.

Swallowed: Repeatedly administer medicinal charcoal in a large quantity of water. NOTE: Never give anything by mouth to an unconscious person. DO NOT induce vomiting.

Eye: Flush gently with large quantities of water for several minutes, and immediately call a doctor.

Skin: Remove contaminated clothing and wash affected areas with soap and water.

Inhaled: Move affected person to fresh air and keep at rest until recovered.

ADVICE TO DOCTORS

No specific antidote is known! Apply symptomatic therapy.

PRECAUTIONS FOR USE

ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND WARNINGS

Risk phrases: R22

EXPOSURE STANDARDS

No occupational exposure standards have been set for this material. The nuisance particulate exposure standard of 10 mg/m³ of inspirable dust (8 hour time weighted average) should not be exceeded for airborne dust generated from this material.

ENGINEERING CONTROLS

Forced ventilation should be considered for those work areas in which exposure may exceed the occupational exposure standard.

PERSONAL PROTECTION

If contact is possible when opening containers and using this material, wear wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves, and disposable gas mask. Wash hands after use. Immediately remove and launder any clothing that becomes contaminated. If exposure to airborne dust is possible wear a half-face piece respirator with dust cartridge. Use only protective equipment bearing the mark of the Standards Association of Australia.

FLAMMABILITY

Not highly flammable

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in tightly sealed original containers in a dry secure place away from fertilisers, seed, feed and food. Protect from direct sunlight and humidity. Keep out of reach of children, unauthorised persons and animals.

AGITA 10

SPILLS AND DISPOSAL

In case of spillage it is important to take all steps necessary to:

Avoid eye and skin contact.

Avoid contamination of surface and ground water, drainage systems and waterways.

Procedure for spill:

- (1) Keep all bystanders away.
- (2) Wear goggles, half face-piece respirator with combined dust and vapour cartridge, full length clothing and PVC gloves.
- (3) Reposition any leaking containers so as to minimise leakage.
- (4) *For a product spill:* Sweep granules into a pile.
For a prepared spray spill: Dam and absorb spill with an absorbent material (e.g. sand or soil).
- (5) Moisten by sprinkling with water to avoid drifting.
- (6) Shovel the absorbed material or powder concentrate into drums and top with hydrated lime.
- (7) Disposal of the absorbed material will depend on the extent of the spill.
 - For quantities up to 50 kg of product bury in a secure landfill site.
 - For quantities greater than 50 kg seek advice (use emergency contact number below) from the manufacturer before attempting disposal. Contain in a secure location until disposal method is established.
- (8) Decontaminate spill area using hydrated lime.

Disposal:

Place original containers in specially marked larger ones. Dispose of EMPTY CONTAINERS by puncturing, shredding and burying the containers below 500 mm in an approved disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should NOT be burned.

FIRE/EXPLOSION HAZARD

This material is NOT HIGHLY FLAMMABLE and NON-EXPLOSIVE, but is combustible. Extinguish warehouse and factory fires using powder, foam, carbon dioxide or water spray (do not use direct jet of water). Do not allow fire-water to enter drains or seep into the ground.

Combustion products are toxic and/or irritant.

Use respirator to protect from fumes.

OTHER INFORMATION

Harmful to birds. Toxic to bees.

DO NOT contaminate streams, rivers or waterways with the product or used containers.

Note: This material is an agricultural chemical and is therefore subject to regulation under the Federal Agricultural and Veterinary Chemicals (Consequential Amendments) Act 1994. A comprehensive package of toxicological and environmental data has been submitted to the Federal health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

CONTACT POINT: Regulatory Affairs Manager - Animal Health - (02) 9688 0444
24 HOURS EMERGENCY CONTACT: 1 800 033 111

This Material Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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