



Sharda Perú SAC

MATERIAL SAFETY DATA SHEET

THIFAST FLY BAIT (THIAMETHOXAM 1% GB)



**MATERIAL SAFETY DATA SHEET
THIAMETHOXAM 1% GB**

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name: **THIAMETHOXAM 1% GB**

Trade Name: **THIFAST FLY BAIT**

Type of preparation: Grabular Bait

Active Ingredient: Thiamethoxam

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

Use : Insecticide

1.3 Details of the supplier of the safety data sheet

Company : Sharda Peru SAC

Calle Las Castañitas N° 138 Urb. El Palomar,
San Isidro-Lima 27 Peru

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	R51/53
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2.2 Label elements

Labelling according to EC Directives 67/548/EEC or 1999/45/EC



Symbol(s) :
Symbol(s) : Dangerous for the environment
R-phrases) : R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s) : S2 Keep out of the reach of children.
: S46 If swallowed, seek medical advice immediately and show this container or label.
: S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
Hazardous components : Thiamethoxam



3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical name	Commercial brand	CAS No.	Function	Content (g/kg)
Thiamethoxam min 97% to give 10 g/kg Thiamethoxam	Thiamethoxam	153719-23-4	Active Ingredient	10.3
Z-9-Tricosene	Muscalure	27519-02-4	Attractant	1
Sodiumlignosulfonate	Borresperse 3A; Ufoxane 3A	8061-51-6	Dispersant	15
Titanium dioxide	Tronox	13463-67-7	Color agent	10
Denatonium benzoate	Bitrex	3734-33-6	Bittering agent	0.1
Milk whey, milk serum	Whey powder	92129-90-3	Attracting agent	20
Amorphous silica/ Silica gel	Aerosil200	112926-00-8 or 112945-52-5	Anti Caking	10
D(+) Glucose anhydrous	Dextrose	50-99-7	Sweetener	430
Sucrose	Sucrose	57-50-1	Sweetener	503.6
Total				1000

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice	: Remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from undercooling. IN CASE OF SUSPECTED POISONING: Immediately call a physician.
Inhalation	: Move to fresh air.
Skin contact	: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Eye contact	: Rinse eyes with clean water for several minutes .
Ingestion	: If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms/effects, acute and delayed

Poisoning Symptoms : No case of human poisoning is on record.

4.3 Indication of any immediate medical attention and special treatment needed

Antidote : No specific antidote is known! Apply symptomatic therapy.



5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry powder, foam, carbon dioxide (CO₂) or water spray (do not use water jet).

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Pick up and transfer to properly labelled containers.
Knock down dust with water spray jet.
Dispose of in an incinerator approved for chemicals.
Treat contaminated surfaces with water.
Put washing water in containers too, to avoid any contamination of surface and ground water, water supplies and drains. Hose down the area for a prolonged period. Heavily contaminated soil layers have to be dig out.
Spilled product cannot be used further and must be disposed of.
If safe disposal is not possible, contact the manufacturer, the dealer or the local representative.



7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling advice : Avoid contact with skin, eyes and clothing.
 Avoid breathing dust.
 In addition to the measures taken usually in the chemical works like dustproof filling and measuring equipment (including dust extraction), further personal protection measures may have to be implemented to avoid possible contact with the product.

Storage

Advice on common storage: Keep away from food, drink and animal feedingstuffs.

Storage class: 9

Storage temperature: min. 2 °C - max. 30 °C

Other data: Store the product in closed original containers.
 Protect from light and humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

No additional information available

8.2 Exposure controls

Protective measures: The use of technical measures should always have priority over the use of personal protective equipment.

Personal protective equipment

Open handling

Respiratory protection: Effective dust mask.

Hand protection: Chemical-resistant gloves

Eye protection: Safety glasses

Skin and body protection: Heavy duty cotton or synthetic fabric working clothes (e.g. overalls).

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Thoroughly clean contaminated equipment with soap or soda solution.

Thoroughly clean protective gear.

Change clothing.

Shower or bathe at the end of working.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid, granular
Colour:	Yellow
Odour:	Odourless
Bulk density:	0.5 - 0.7 g/cm ³
pH: 5.5 - 8.5 pH (media):	in deionised water., 1 %
Miscibility with water:	Miscible
Oxidizing properties:	Not oxidizing
Flammability:	Not highly flammable method: flammability (solids) No evolution of gas Method: flammability (contact with water)
Impact Sensitivity:	Not explosive Not friction sensitive Not shock sensitive
Auto ignition temperature:	Not self-heating

10. STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : Stable under recommended storage conditions.

10.2 Chemical stability

Chemical Stability : Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4 Conditions to avoid

Conditions to avoid : Stable under recommended storage conditions.

10.5 Incompatible materials

Materials to avoid : None.

10.6 Hazardous decomposition products

Hazardous decomposition : Stable under recommended storage conditions.
products

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity:	LD50 > 5,000 mg/kg Species: Rat Remarks: The toxicological data has been taken from products of similar composition.
Acute inhalation toxicity:	LC50 > 5 mg/l Species: Rat Exposure time: 4 h Derived from the active ingredient(s)
Acute dermal toxicity:	LD50 > 2,000 mg/kg Species: Rat Remarks: The toxicological data has been taken from products of similar composition.



Skin irritation:	No skin irritation Species: rabbit Remarks: The toxicological data has been taken from products of similar composition.
Eye irritation:	No eye irritation Species: rabbit Remarks: The toxicological data has been taken from products of similar composition.
Sensitisation:	not sensitizing Species: guinea pig Classification: maximization test Remarks: The toxicological data has been taken from products of similar composition.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish:	LC50 > 100 mg/l Species: Salmo trutta (trout) Exposure time: 96 h Remarks: Derived from the active ingredient(s)
Toxicity to daphnia:	EC50 > 100 mg/l Species: Daphnia magna (water flea) Exposure time: 48 h Remarks: Derived from the active ingredient(s) : EC50 ca. 1.4 mg/l Species: Cloeon sp. Exposure time: 48 h Remarks: Derived from the active ingredient(s) : LC50 > 100 mg/l Species: Mysidopsis bahia (bay shrimp) Exposure time: 96 h Remarks: Derived from the active ingredient(s)
Toxicity to algae	: ERC50 > 100 mg/l Species: Selenastrum capricornutum (green algae) Exposure time: 72 h Remarks: Derived from the active ingredient(s)

12.2 Persistence and degradability

Biodegradability	: Not readily biodegradable. Remarks: Derived from the active ingredient(s)
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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	: Refer to protective measures listed in sections 7 and 8. Pick up and transfer to properly labelled containers. Dispose of in an incinerator approved for chemicals. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative.
Contaminated packaging	: Dispose of empty containers in an incinerator approved for chemicals. Damaged Containers: Place original containers in specially marked larger ones. Check possibilities of recycling large empty containers, drums and barrels.

14. TRANSPORT INFORMATION

Transport Condition	: Transport + intermediate storage $\leq 40^{\circ}\text{C}$
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Land transport (ADR/RID)

UN number	: 3077
Class	: 9
Packaging group	: III
Labelling No.	: 9 E
Hazard identification No	: 90
CEPIC No.	: 90GM7-III
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID,N.O.S.
Additional Information	: (THIAMETHOXAM)

Sea transport (IMDG)

UN number	: 3077
Class	: 9
EmS	: none
Packaging group	: III
Labelling No.	: 9 E
Marine pollutant	: Marine pollutant
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID,N.O.S.
Additional Information	: (THIAMETHOXAM)

Air transport (ICAO/IATA)

UN number	: 3077
Class	: 9
Packaging group	: III
Labelling No.	: 9 E
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,SOLID,N.O.S.



15. REGULATORY INFORMATION

Lettering in accordance with the Regulations of the European Economic Community

15.1 Hazardous components: Thiamethoxam

15.2 Symbol(s): N Dangerous for the environment.

15.3 R-phrases (s): R51/ 53 Toxic to aquatic microorganisms, may cause long term adverse effects on the environment water.

15.4 S-phrase (s): S2 Keep out of the reach of children.

S46 If swallowed immediately seek medical help.

S61 Avoid releasing the environment. Refer to Special instructions/Safety Data Sheet.

National legislation

15.5 Weight limit (Switzerland), according to prescription by regulation of accidents: 200,000 kg

16. OTHER INFORMATION

SECTION 16: OTHER INFORMATION	
Full text of R-phrases referred to under sections 2 and 3	
Full text of H-Statements referred to under sections 2 and 3.	
R22	Harmful if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H228	Flammable solid.
H302	Harmful if swallowed.
H41	Very toxic to aquatic life with long lasting effects.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.