



Sharda Perú SAC

MATERIAL SAFETY DATA SHEET

THIFAST 10 FLY BAIT (THIAMETHOXAM 10% WG)



MATERIAL SAFETY DATA SHEET THIFAST 10 FLY BAIT

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name: **THIAMETHOXAM 10% WG**

Trade Name: **THIFAST 10 FLY BAIT**

Active Ingredient: Thiamethoxam

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

1.2.1. Relevant identified uses

Main use category : Biocide

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 Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 H302

Hazardous to the aquatic environment — Acute Hazard, Category 1 H400

Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





Signal word (CLP):	Danger
Hazardous ingredients:	thiamethoxam (ISO), 3-(2-chloro-thiazol-5-ylmethyl)-5-methyl[1,3,5]oxadiazinan-4-ylidene-N-nitroamine
Hazard statements (CLP):	H302 - Harmful if swallowed. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP):	P201 - Obtain special instructions before use. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear eye protection, protective clothing, protective gloves. P308+P313 - IF exposed or concerned: Get medical advice. P391 - Collect spillage. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements:	EUH208 - Contains cis-tricos-9-ene (27519-02-4). May produce an allergic reaction.

2.3. Other hazards

No additional information available

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical name	Commercial brand	CAS No.	Function	Content (g/kg)
Thiamethoxam 97% to give Thiamethoxam 100 g/kg	Thiamethoxam	153719-23-4	Active Ingredient	103
Z-9-Tricosene	Muscalure	27519-02-4	Attractant	0.5
Sodium lignosulfonate	Borresperse 3A; Ufoxane3A	8061-1-6	Dispersant	15
Ethyleneglycol monomethyl ether	Cellosolve	109-86-4	Solvent/Humectant	5
Denatonium benzoate	Bitrex	3734-33-6	Bittering Agent	0.1
D(+) Glucose anhydrous	Dextrose	50-99-7	Sweetener	500
Sucrose	Sucrose	57-50-1	Sweetener	276.4
Milk, whey, milk serum	Whey powder	92129-90-3	Inert filler/ foodstuff bait	100
Total				1000



4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Move the affected person away from the contaminated area and into the fresh air. If not breathing, give artificial respiration. Call a doctor.
First-aid measures after skin contact:	Remove contaminated clothes. After contact with skin, wash immediately and thoroughly with water and soap.
First-aid measures after eye contact:	Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
First-aid measures after ingestion:	Rinse mouth. Immediately call a POISON CENTER/doctor.

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

No additional information available

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

No additional information available

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard:	In case of fire and/or explosion do not breathe fumes.
Reactivity in case of fire:	Product is not explosive.
Hazardous decomposition products: in case of fire	Carbon monoxide. Nitrogen oxides. Carbon dioxide. Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire:	Keep container tightly closed and away from heat, sparks and flame. Keep away from combustible materials.
Firefighting instructions:	Appropriate self-contained breathing apparatus may be required. Get the package away from the fire if this can be done without risk. Prevent fire fighting water from entering the environment.
Protection during firefighting:	Wear fire/flame resistant/retardant clothing. Do not enter fire area without proper protective equipment, including respiratory protection.
Other information:	Do not allow material to contaminate surface water system.



6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment:

Wear suitable protective clothing, gloves and eye or face protection. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). EN 166. Wear eye protection. Personal protective equipment. EN ISO 20345.

Emergency procedures:

Evacuate personnel to a safe area.

6.1.2. For emergency responders

Protective equipment:

Wear suitable hand, body and head protection.

6.2. Environmental precautions

Avoid creating or spreading dust. Dispose of rinse water as waste water. Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment:

Label the container and provide warning statements to prevent any contact.

Methods for cleaning up:

Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Carefully collect remainder. Minimize generation of dust. Wash contaminated area with large amounts of water.

6.4. Reference to other sections

No additional information available

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Additional hazards when processed:

Do not allow run-off from fire fighting to enter drains or water courses.

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Precautions for safe handling:

Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures:

Ensure adequate ventilation, especially in confined areas. Store locked up.

Storage conditions:

Keep only in original container. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Protect from sunlight.

Storage temperature:

0 - 30 °C



Packaging materials:

Keep only in the original container in a cool, well-ventilated place away from combustible materials.

7.3. Specific end use(s)

No additional information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure controls

Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

Eye protection:

EN 166. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

Skin and body protection:

Long sleeved protective clothing

Respiratory protection:

Extra personal protection: P2 filter respirator for harmful particles. Extra personal protection: P3 filter respirator for toxic particles

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Appearance:	Granulate
Colour:	White
Odour:	Slight aromatic
Odour threshold:	No data available
pH (1 % Aqueous solution):	7.4 (25 °C)
Relative evaporation rate: (butylacetate=1)	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Not flammable
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	No data available
Solubility:	No data available
Log Pow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising
Explosive limits:	No data available



9.2. Other information

No additional information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Heat. High temperature. Open flame. Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral): Harmful if swallowed

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Thiamethoxam 10% WG	
LD50 oral rat	1000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LD50 inhalation rat (mg/l)	> 3.73 mg/l/4h (maximum attainable concentration)

Skin corrosion/irritation: Not irritating

Serious eye damage/irritation: Not irritating

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: May damage fertility. May damage the unborn child.

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified



12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity:

Very toxic to aquatic life.

Chronic aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

Thiamethoxam	
LC50 fish l	> 125 mg/l (Oncorhynchus mykiss)
EC50 Daphnia l	0.18 mg/l (Chaoborus sp.)
EC50 72h algae (l)	> 81.8 mg/l (Selenastrum capricornutum)
NOEC (chronic)	0.01 mg/l (Chironomus riparius)

12.2. Persistence and degradability

Thiamethoxam	
Persistence and degradability	Not readily biodegradable

12.3. Bioaccumulative potential

Thiamethoxam	
Log Pow	-0.13 (25°C)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Regional legislation (waste):

Product/Packaging disposal:
recommendations

Disposal must be done according to official regulations.

Avoid release to the environment. Disposal must be done according to official regulations. Do not dispose of the packaging without first carrying out the necessary cleaning. Refer to manufacturer/supplier for information on recovery/recycling.



14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1 UN number

ADR / IMDG / IATA / ADN / RID: 3077

14.2 UN proper shipping name

ADR / IMDG / IATA / ADN / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

Transport document description

IATA / ADN/ RID: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

ADR: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, (-)

IMDG: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, MARINE POLLUTANT

14.3 Transport hazard class (es)

ADR / IMDG / IATA / ADN / RID: 9



14.4 Packing group

ADR / IMDG / IATA / ADN / RID: III

14.5 Environmental hazards

IMDG: Dangerous for the environment: Yes

Marine pollutant: Yes

ADR / IATA / ADN / RID: Dangerous for the environment: Yes

14.6. Special precautions for user

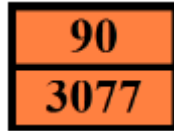
- Overland transport

Classification code (ADR):	M7
Special provisions (ADR):	274, 335, 375, 601
Limited quantities (ADR):	5kg
Excepted quantities (ADR):	E1
Packing instructions (ADR):	P002, IBC08, LP02, R001
Special packing provisions (ADR):	PP12, B3
Mixed packing provisions (ADR):	MP10
Portable tank and bulk container: instructions (ADR)	T1, BK1, BK2, BK3
Portable tank and bulk container : special provisions (ADR)	TP33
Tank code (ADR):	SGAV, LGBV
Vehicle for tank carriage:	AT
Transport category (ADR):	3
Special provisions for carriage :	V13
- Packages (ADR)	
Special provisions for carriage:	VC1, VC2
- Bulk (ADR)	
Special provisions for carriage:	CV13



– Loading, unloading and handling (ADR)
Hazard identification number:
(Kemler No.)
Orange plates:

90



Tunnel restriction code (ADR):

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- Transport by sea

Special provisions (IMDG): 274, 335, 966, 967, 969
Packing instructions (IMDG): P002, LP02
Special packing provisions (IMDG): PP12
IBC packing instructions (IMDG): IBC08
IBC special provisions (IMDG): B3
Tank instructions (IMDG): T1, BK1, BK2, BK3
Tank special provisions (IMDG): TP33
EmS-No. (Fire): F-A
EmS-No. (Spillage): S-F
Stowage category (IMDG): A
Stowage and handling (IMDG): SW23

- Air transport

PCA Excepted quantities (IATA): E1
PCA Limited quantities (IATA): Y956
PCA limited quantity max net:
quantity (IATA) 30kgG
PCA packing instructions (IATA): 956
PCA max net quantity (IATA): 400kg
CAO packing instructions (IATA): 956
CAO max net quantity (IATA): 400kg
Special provisions (IATA): A97, A158, A179, A197
ERG code (IATA): 9L

- Inland waterway transport

Classification code (ADN): M7
Special provisions (ADN): 274, 335, 375, 601
Limited quantities (ADN): 5 kg
Excepted quantities (ADN): E1
Equipment required (ADN): PP, A
Number of blue cones/lights (ADN): 0
Additional requirements/Remarks:
(ADN) * Only in the molten state. ** For carriage in bulk see also 7.1.4.1.
*** Only in the case of transport in bulk.



- Rail transport

Classification code (RID):	M7
Special provisions (RID):	274, 335, 375, 601
Limited quantities (RID):	5kg
Excepted quantities (RID):	E1
Packing instructions (RID):	P002, IBC08, LP02, R001
Special packing provisions (RID):	PP12, B3
Mixed packing provisions (RID):	MP10
Portable tank and bulk container: instructions (RID)	T1, BK1, BK2, BK3
Portable tank and bulk container: special provisions (RID)	TP33
Tank codes for RID tanks (RID):	SGAV, LGBV
Transport category (RID):	3
Special provisions for carriage: – Packages (RID)	W13
Special provisions for carriage: – Bulk (RID)	VC1, VC2
Special provisions for carriage: - Loading, unloading and handling (RID)	CW13, CW31
Colis express (express parcels) (RID):	CE11
Hazard identification number (RID):	90

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: 2-Methoxyethanol (EC 203-713-7, CAS 109-86-4)

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations: according to Regulation (EU) 2015/830.

15.1.2. National regulations

Refer to protective measures listed in Sections 7 and 8

15.2. Chemical safety assessment

Refer to protective measures listed in Sections 7 and 8



16. OTHER INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 1B	Reproductive toxicity, Category 1B
Skin Sens. 1B	Skin sensitisation, category 1B
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains cis-tricos-9- ene(27519-02-4). May produce an allergic reaction.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product