

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

Product name:	THIAMETHOXAM 30% FS
Use / description of product:	Use as an agricultural/horticultural insecticide
Company name:	INDOFIL INDUSTRIES LIMITED Kalpataru Square, 4th Floor, Kondivita Road, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 059, Maharashtra, India. Email: customercare@indofil.com Toll Free No.:1800-120-003-004

2. HAZARDS IDENTIFICATION

GHS Classification
Hazard Symbol



Signal word:

WARNING

Hazard statement(s):

H302 Harmful if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P391 Collect spillage.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents and container to hazardous or special waste collection point

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS	%
Active ingredient (Thiamethoxam)	153719-23-4	30
Other ingredients	-----	QS to make up 100

4. FIRST AID MEASURES

Most Important symptoms and effects, both acute and delayed

Skin contact
Eye contact

There may be mild irritation at the site of contact
There may be irritation and redness. The vision may become blurred

Ingestion

There may be soreness and redness of the mouth and throat

Description of first aid measures

In general

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

After Ingestion

Do not induce vomiting. Provided the patient is conscious, wash mouth with water and give plenty of water to drink. Consult a physician. The decision of whether to induce vomiting or not should be made by a physician.

After eye contact

Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

After skin contact

Immediately wash skin with soap and plenty of water. Consult a physician if irritation develops.

After Inhalation

Remove to fresh air. Consult a physician if irritation develops

Indication of any immediate medical attention and special treatment needed

Supportive care. No specific antidote. Treatment based on judgement of physician, in response to symptoms of patient.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards:

Exposure to decomposition products may be a hazard to health.

Protection of fire-fighters:

Wear self-contained breathing apparatus. Run-off from fire control may be a pollution hazard. If area is not too heavily exposed to fire, and if conditions permit, let fire burn itself out, since water may increase the contamination hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Eliminate all sources of ignition. Do not create dust.

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures:

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Do not use equipment in clean-up procedure, which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements:

Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

Storage conditions:

When handling do not eat, drink or smoke.

Store in cool, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep in original containers, out of reach of children Never allow the product to become wet during storage. This may lead to chemical changes, which will reduce the effectiveness as an insecticide and could create flammable vapours.

Suitable packaging:

Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection:
Hand protection:

Wear approved respirator.
Protective gloves
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection:
Skin protection:

Safety goggles.
Mixers and loaders must wear overalls , protective goggles and chemical-resistant apron.
Applicators and other handlers must wear overalls, goggles and waterproof gloves. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid
Colour: Off white to Beige
Odour: Musty
Solubility in water: Forms suspension in water
pH 6 - 8 (1% dispersion)
Flash point °C: Not Applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Acids and moisture (in storage)
Hazardous decomp. products: Exposure to elevated temperatures can cause product to decompose.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: THIAMETHOXAM
Acute toxicity (Assessment largely or completely based on data for active substance)
Acute Oral LD₅₀ (Rat) 2918 mg/kg
Acute Dermal LD₅₀ (Rat) >5000 mg/kg
Acute Inhalation LD₅₀ > 2.78 mg/L
EYE Irritation (Rabbit) May cause eye irritation.
SKIN Irritation (Rabbit) irritant
Skin Sensitization (Guinea Pig) sensitizing to Guinea pig skin

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment. Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters. Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

SAFETY DATA SHEET
THIAMETHOXAM 30% FS
(AKHDIR)

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Issued date: 13.11.2020
Revised date: 04.08.2023
Revision No: 01
Ref: IIL/THMXM30FS

Environmental Fate

The information presented here is for the active ingredient, Thiamethoxam. Not persistent in soil. Stable in water. Moderate mobility in soil. Floats in water (after 24 h).

13. DISPOSAL CONSIDERATIONS

Disposal operations: Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**U.S> Department of Transportation (DOT)****Bulk**

UN no: 3077
Shipping name: Environmentally Hazardous Substance, solid, n.o.s. (Thiamethoxam)
Hazard Class: 9
Packing group: III

Land Transport (ADR / RID)

UN no: 3077
Shipping name: Environmentally Hazardous Substance, solid, n.o.s. (Thiamethoxam)
Hazard Class: 9
Packing group: III

Marine Transport (IMDG / IMO)

UN no: 3077
Shipping name: Environmentally Hazardous Substance, solid, n.o.s. (Thiamethoxam)
Hazard Class: 9
Packing group: III
Marine pollutant: Yes
EmS: F-A, S-F

Air transport (IATA / ICAO)

UN no: 3077
Shipping name: Environmentally Hazardous Substance, solid, n.o.s. (Thiamethoxam)
Hazard Class: 9
Packing group: III
Cargo Packing instructions:

15. REGULATORY INFORMATION

Classification and User Label Information

Hazard Symbol



Xn - Harmful..



N - Dangerous for the Environment

Risk Phrases

R22 - Harmful if swallowed.

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

Safety Phrases

S35 - This material and its container must be disposed of in a safe way.

S57 - Use appropriate containment to avoid environmental contamination. To avoid risks to man and the environment, comply with the instructions for use

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.