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MATERIAL SAFETY DATA SHEET

2-THENOYL TRIFLUOROACETONE AR

MSDS CAS: 326-91-0

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: 2-THENOYL TRIFLUOROACETONE AR

CAS#: 326-91-0

Synonym: Not available.

Chemical Name: Not available.

Chemical Formula: Not available.

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
2-THENOYL TRIFLUOROACETONE AR	326-91-0	100

Toxicological Data on Ingredients: Not available.

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45:

Classification: Xi; R36/37/38

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP):

Health hazards: Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -Category 3
- Warning (CLP: STOT SE 3) H335 Skin irritation - Category 2 - Warning (CLP: Skin Corr. 2) H315 Eye
irritation - Category 2A - Warning (CLP: Eye Irrit. 2) H319

Label elements

Labelling EC 67/548 or EC 1999/45:

Symbol(s): Xi: Irritant

R Phrase(s): R36/37/38: Irritating to eyes, respiratory system and skin.

S Phrase(s): S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical
advice.

S36: Wear suitable protective clothing.

Other hazards:

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to
Annex XIII of Regulation REACH.

Section 4: First Aid Measures

Description of first aid measures

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON
CENTER or doctor if you feel unwell.

Skin contact: Specific treatment (see on this label). Get medical advice. If skin irritation occurs: Wash with
plenty of soap and water. Wash contaminated clothing before reuse.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to
do. Continue rinsing. If eye irritation persists: Get medical advice.

Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

Section 4: First Aid Measures (Continued)

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

Indication of any immediate medical attention and special treatment needed

General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Section 5: Fire and Explosion Data

Extinguishing media

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

Unsuitable extinguishing media: Do not use a heavy water stream.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters

Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel: Evacuate unnecessary personnel.

Environmental precautions

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Section 6: Accidental Release Measures (Continued)

Methods and material for containment and cleaning up:

Clean up methods: On land, sweep or shovel into suitable containers. Minimize generation of dust.
Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wash thoroughly after handling.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

Special precautions: Avoid breathing dust, fume, gas, mist, vapours, spray.

Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

Storage - away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Specific end use(s): None.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: Wear approved mask.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Chemical goggles or safety glasses.

Others: When using, do not eat, drink or smoke.

Control parameters

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C:	Solid.
Colour:	Light yellow
Odour:	Odorless
Odour threshold:	No data available.
pH value:	Not applicable.
Melting point [°C]:	40 - 44 °C
Decomposition point [°C]:	N/A
Critical temperature [°C]:	N/A
Auto-ignition temperature [°C]:	N/A
Flammability (solid, gas):	N/A
Flash point [°C]:	112 °C
Boiling point [°C]:	96 - 98 °C
Initial boiling point [°C]:	96°C
Final boiling point [°C]:	98 °C
Evaporation rate:	N/A
Vapour pressure [20°C]:	N/A
Vapour pressure mm/Hg:	N/A
Vapour density:	N/A
Density [g/cm ³]:	N/A
Relative density, gas (air=1):	N/A
Relative density, liquid (water=1):	N/A
Solubility in water [% weight]:	Insoluble in water
Solubility in water:	N/A
Log Pow octanol / water at 20°C:	No data available.
Solubility:	N/A
Viscosity at 40°C [mm ² /s]:	N/A

Other information

Explosive properties:	N/A
Explosion limits - upper [%]:	N/A
Explosion limits - lower [%]:	N/A
Oxidising properties:	No data available.

Section 10: Stability and Reactivity Data

Reactivity: Not established.

Chemical stability: Stable under recommended storage conditions.

Hazardous reactions: Not established.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

Materials to avoid: Strong acids. Strong bases.

Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity:

- Inhalation:** Based on available data, the classification criteria are not met.
Dermal: Based on available data, the classification criteria are not met.
Ingestion: Based on available data, the classification criteria are not met.
Corrosion: Based on available data, the classification criteria are not met.
Irritation: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.
Sensitization: Based on available data, the classification criteria are not met.
Mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Toxic for reproduction: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity information: Not established.

Persistence - degradability: Biodegradable.

Section 12: Ecological Information (Continued)

Bioaccumulative potential: Not established.

Mobility in soil: Not established.

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

Waste Disposal:

General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Section 14: Transport Information

Land transport (ADR-RID)

General information: Not regulated.

Sea transport (IMDG) [English only]

General information: Not regulated.

Air transport (ICAO-IATA) [English only]

General information: Not regulated.

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII: The components of this product are not subject to restrictions.

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Section 15: Other Regulatory Information (Continued)

REACH Authorisation - Annex XIV: The components of this product are not subject to authorization.

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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