

## **MATERIAL SAFETY DATA SHEET**

### **TETRANITRO B.T. AR**

**MSDS CAS: 1184-43-6**

#### **Section 1: Chemical Product and Company Identification**

##### **Section 1: Chemical Product**

**Product Name: TETRANITRO B.T. AR**

**CAS#: 1184-43-6**

**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
TETRANITRO B.T. AR	1184-43-6	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

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP): Not classified.

Health hazards: Specific Target Organ Toxicity - Single exposure - Category 2 - Warning (CLP : STOT SE 2) H371

### Label elements

#### Labelling EC 67/548 or EC 1999/45

Symbol(s): T: Toxic

R Phrase(s): R45: May cause cancer.

S Phrase(s): S53: Avoid exposure - obtain special instructions before use.

#### Labelling Regulation EC 1272/2008 (CLP)

Signal words: Danger

Hazard statements: H314: Causes severe skin burns and eye damage.

### Precautionary statements

Prevention: P260: Do not breathe dust, fume, gas, mist, vapours, spray. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product.

Response: P309+P311: IF exposed or if you feel unwell : Call a POISON CENTER or doctor.

Storage: P405: Store locked up.

Disposal considerations: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 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: Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing.

## Section 4: First Aid Measures (Continued)

**Skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water.

**Eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

### Most important symptoms and effects, both acute and delayed

**Symptoms relating to use:** May cause damage to organs.

### 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. Avoid breathing dust, fume, gas, mist, vapours, spray.

**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.

### 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

**Personal protection:** Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

**Handling:** Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

### Conditions for safe storage, including any incompatibilities

**Storage:** Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**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:** Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

## Section 8: Exposure Controls/Personal Protection (Continued)

**Hand protection:** Wear protective gloves.

**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

<b>Physical state at 20 °C:</b>	Solid.
<b>Colour:</b>	White to yellow crystalline
<b>Odour:</b>	Odorless
<b>Odour threshold:</b>	No data available.
<b>pH value:</b>	Not applicable.
<b>Melting point [°C]:</b>	170 °C
<b>Decomposition point [°C]:</b>	N/A
<b>Critical temperature [°C]:</b>	N/A
<b>Auto-ignition temperature [°C]:</b>	N/A
<b>Flammability (solid, gas):</b>	N/A
<b>Flash point [°C]:</b>	N/A
<b>Log Pow octanol / water at 20°C:</b>	No data available.
<b>Solubility:</b>	N/A
<b>Viscosity at 40°C [mm<sup>2</sup>/s]:</b>	N/A

### Other information

<b>Explosive properties:</b>	N/A
<b>Explosion limits - upper [%]:</b>	N/A
<b>Explosion limits - lower [%]:</b>	N/A
<b>Oxidising properties:</b>	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:

<b>Inhalation:</b>	Based on available data, the classification criteria are not met.
<b>Dermal:</b>	Based on available data, the classification criteria are not met.
<b>Ingestion:</b>	Based on available data, the classification criteria are not met.
<b>Corrosion:</b>	Based on available data, the classification criteria are not met.
<b>Irritation:</b>	Based on available data, the classification criteria are not met.
<b>Sensitization:</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity:</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Toxic for reproduction:</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure:</b>	Causes damage to organ.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	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. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

## 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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info@oxfordlabchem.com  
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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:***

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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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