

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
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Tel: +91 250 2390032 / 2390989 / 2390990
Email: sales@oxfordlabchem.com /
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

PHENYL TRIMETHYL AMMONIUM CHLORIDE 99% (For Synthesis) MSDS CAS: 138-24-9

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: PHENYL TRIMETHYL AMMONIUM CHLORIDE 99% (For Synthesis)

CAS#: 138-24-9

Synonym: Trimethylphenyl ammonium chloride

Chemical Name: Phenyl Trimethyl Ammonium Chloride

Chemical Formula: C₉H₁₄ClN

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
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Substance / Preparation: N,N,N-trimethylanilinium chloride

CAS#: 138-24-9

Substance.

SUBSTANCE NAME	CAS NO.	CONTENTS
N,N,N-trimethylanilinium chloride	138-24-9	> 100 %
Water	7732-18-5	> 75 < 99 %

Contains no other components or impurities which will influence the classification of the product.

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Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : T; R24/25

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

Health hazards: Acute toxicity, dermal - Category 3 - Danger (CLP : Acute Tox. 3) H311

Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301

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.

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. Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Swallowing a small quantity of this material will result in serious health hazard.

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).

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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:

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: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Handling : Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

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

Section 7: Handling and Storage

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.

Section 8: Exposure Controls/Personal Protection

Exposure controls:

Personal protection: Avoid all unnecessary exposure.

- **Respiratory protection:** Wear approved mask.
- **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

Physical state and appearance	: Solid.
Odor	: Not available.
Taste	: Not available.
Molecular Weight	: 171.67 g/mol
Color	: White crystalline.
pH (1% soln/water)	: 4.5
Boiling Point	: Not available.
Melting Point	: 246 - 248 °C.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Auto-ignition temperature	: 237°C
Water/Oil Dist. Coeff.	: Not available.

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Section 9: Physical and Chemical Properties (Continued)

Ionicity (in Water) : Not available.
Dispersion Properties : Not available.
Solubility : Soluble in water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

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

Incompatibility with various substances: Not available.

Materials to avoid: Strong acids. Strong bases.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

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:** Toxic in contact with skin.
- **Ingestion:** Toxic if swallowed.

Irritation: Based on available data, the classification criteria are not met.

Corrosion: Based on available data, the classification criteria are not met.

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.

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Section 11: Toxicological Information (Continued)

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 available.

BOD5 and COD: Not available.

Persistence - degradability: Biodegradable.

Bioaccumulative potential: Not established.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

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

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.

Special precautions: Hazardous waste due to toxicity.

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Section 14: Transport Information

Land transport (ADR-RID)

Proper Shipping Name (ADR) : TOXIC SOLID, ORGANIC, N.O.S.

UN N° : 2811

ADR - Class : 6.1

Labelling – Transport : 6.1 : Toxic substances.

Packing group (ADR) : III

Sea transport (IMDG) [English only]

Proper Shipping Name (IMDG) : TOXIC SOLID, ORGANIC, N.O.S.

UN N° : 2811

IMO-IMDG - Class or division : 6.1 : Toxic substances.

IMO-IMDG - Packing group : III

Air transport (ICAO-IATA) [English only]

Proper Shipping Name (IATA) : TOXIC SOLID, ORGANIC, N.O.S.

UN N° : 2811

IATA - Class or division : 6.1 : Toxic substances.

IATA - Packing group : III

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.

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

Chemical Safety Assessment:

Chemical Safety Assessment : It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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