

CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Material Safety Data Sheet (MSDS)

Tonalide

Revision Date: 22-September-2025

Version: 1.0

Section 1: Product Identification

• Product Name: Tonalide

• Chemical Formula: C18H26O

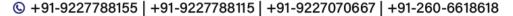
• CAS No: 1506-02-1

Synonyms: 7-Acetyl-1,1,3,4,4,6-hexamethyl-1,2,3,4-tetrahydronaphthalene; AHTN; Fixolide

• **Recommended Use**: Synthetic musk fragrance ingredient for perfumery, cosmetics, and personal care products.

Section 2: Hazards Identification

- Classification (GHS): Aquatic Chronic (Category 2); Skin sensitization (Category 1).
- Signal Word: Warning
- Hazard Statements:



- info@triveniinterchem.com | info@trivenichemical.com

 info@triven
- www.triveniinterchem.com | www.trivenichemical.com
- 🔾 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India





CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects
- Precautionary Statements:
 - Avoid breathing dust/vapors
 - Avoid release to the environment
 - Wear protective gloves and eye protection

Section 3: Composition / Information on Ingredients

• Concentration: 100%

Section 4: First Aid Measures

- Inhalation: Remove to fresh air. Seek medical attention if symptoms occur.
- **Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation or sensitization occurs.
- **Eye Contact**: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention if unwell.

- © +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618
- info@triveniinterchem.com | info@trivenichemical.com
- www.triveniinterchem.com | www.trivenichemical.com
- 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India





CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Section 5: Fire-Fighting Measures

- Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide (CO2); water spray.
- Specific Hazards: Combustion produces carbon oxides. Product is combustible.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid contact with skin and eyes. Ensure adequate ventilation. Use protective equipment.
- Environmental Precautions: Prevent release to the environment; very toxic to aquatic organisms.
- Cleanup Methods: Absorb with inert material (sand, earth). Collect in suitable container for disposal.

Section 7: Handling and Storage

- Handling: Avoid breathing vapors. Avoid skin and eye contact. Use in well-ventilated areas.
- **Storage:** Store in a cool, dry, well-ventilated place. Keep container tightly closed. Protect from heat and light.

- © +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618
- info@triveniinterchem.com | info@trivenichemical.com
- www.triveniinterchem.com | www.trivenichemical.com
- 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India





CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Section 8: Exposure Controls / Personal Protection

- Exposure Limits: No occupational exposure limits established.
- Engineering Controls: Provide adequate ventilation and local exhaust if needed.
- Personal Protective Equipment: Chemical-resistant gloves, safety goggles, protective clothing.

Section 9: Physical and Chemical Properties

• Appearance: White crystalline powder or flakes

Odor: Musk-like odor

• Boiling Point: 325 °C

• Flash Point: 100 °C

• Solubility: Insoluble in water; soluble in ethanol and oils

• Molecular Weight: 258.40 g/mol

Section 10: Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- Incompatible Materials: Strong oxidizing agents.
- Hazardous Decomposition Products: Carbon oxides under fire conditions.

- © +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618
- info@triveniinterchem.com | info@trivenichemical.com

 info@triven
- www.triveniinterchem.com | www.trivenichemical.com
- 🔾 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India





CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Section 11: Toxicological Information

- Routes of Exposure: Inhalation, ingestion, skin and eye contact.
- Acute Effects: May cause skin and eye irritation. May cause allergic skin reactions.
- Chronic Effects: Prolonged exposure may cause sensitization and environmental persistence.

Section 12: Ecological Information

- **Ecotoxicity**: Toxic to aquatic life with long lasting effects.
- Persistence and Degradability: Expected to be persistent in the environment.
- Bioaccumulative Potential: High potential due to lipophilic properties.

Section 13: Disposal Considerations

• Dispose of contents/container in accordance with local/regional/national regulations. Do not release into the environment.

Section 14: Transport Information

• UN Number: Not regulated

Proper Shipping Name: Tonalide (AHTN)

- © +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618
- info@triveniinterchem.com | info@trivenichemical.com

 info@triven
- www.triveniinterchem.com | www.trivenichemical.com
- 🔾 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India





CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

- Hazard Class: Not classified as dangerous goods
- Packing Group: Not applicable

Section 15: Regulatory Information

- Complies with Indian chemical safety regulations and listed under international chemical inventories (TSCA, EINECS, etc.).
- Classified as hazardous substance as per GHS.

Section 16: Other Information

• **Disclaimer:** The above information is believed to be correct but does not claim to be exhaustive. Users are responsible for verifying suitability under actual conditions of use. **Triveni chemicals** disclaims any liability for damage resulting from handling or contact.

- © +91-9227788155 | +91-9227788115 | +91-9227070667 | +91-260-6618618
- info@triveniinterchem.com | info@trivenichemical.com

 info@triven
- www.triveniinterchem.com | www.trivenichemical.com
- 🔾 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India

