

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)

Anisyl Acetone

Revision Date: 03-October-2025

Version: 1.0

Section 1: Product Identification

• Product Name: Anisyl Acetone

• Chemical Formula: C11H14O2

• CAS No: 104-20-1

• Synonyms: Anisyl Acetone; 4-Methoxyphenyl-2-propanone; p-Methoxyphenylacetone

• **Recommended Use:** Laboratory chemical, solvent, intermediate in organic synthesis, flavors and fragrances.

Section 2: Hazards Identification

- Classification (GHS): Flammable liquids; Acute toxicity, Oral; Skin irritation; Eye irritation.
- Signal Word: Warning
- Hazard Statements:



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- O 135, Pancharatna, Char Rasta, G.I.D.C., Vapi-396195, Gujarat, India





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- Harmful if swallowed
- Causes skin irritation and serious eye irritation
- Combustible liquid
- Keep away from heat/sparks/open flames. No smoking
- Wear protective gloves/eye protection
- IF ON SKIN or IN EYES: Rinse cautiously with water; seek medical advice if irritation persists

Section 3: Composition / Information on Ingredients

• Concentration: 100%

Section 4: First Aid Measures

- Inhalation: Remove to fresh air. If symptoms develop, seek medical attention.
- **Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation persists.
- Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Seek medical attention if irritation persists.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical advice if feeling unwell.

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Section 5: Fire-Fighting Measures

- Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide; water spray.
- Specific Hazards: Combustible liquid; emits toxic fumes of carbon oxides under fire conditions.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

- **Personal Precautions:** Use personal protective equipment. Avoid breathing vapors. Ensure adequate ventilation. Eliminate ignition sources.
- Environmental Precautions: Prevent entry into drains and waterways.
- Cleanup Methods: Absorb with inert material. Collect in suitable container for disposal.

Section 7: Handling and Storage

- **Handling:** Avoid inhalation of vapors and contact with skin/eyes. Use with adequate ventilation. Keep away from ignition sources.
- **Storage:** Keep container tightly closed. Store in a cool, dry, well-ventilated place away from heat and oxidizing agents.

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Section 8: Exposure Controls / Personal Protection

- Exposure Limits: ACGIH TLV 50 ppm TWA; OSHA PEL not established.
- Engineering Controls: Provide adequate ventilation and local exhaust if needed.
- **Personal Protective Equipment:** Chemical-resistant gloves, safety goggles, protective clothing. Respirator if ventilation is inadequate.

Section 9: Physical and Chemical Properties

• Appearance: Colorless to pale yellow liquid

• Odor: Sweet, floral, anisic odor

• Boiling Point: 290 °C

• Flash Point: 100 °C (Flash Point, closed cup)

• Solubility: In water insoluble, In alcohols and oils Soluble

• Molecular Weight: 178.23 g/mol

Section 10: Stability and Reactivity

- Stability: Stable under normal conditions.
- Incompatible Materials: Strong oxidizing agents.

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• Hazardous Decomposition Products: Carbon oxides under fire conditions.

Section 11: Toxicological Information

- Routes of Exposure: Inhalation, ingestion, skin and eye contact.
- Acute Effects: Harmful if swallowed; causes skin and eye irritation; may cause respiratory irritation.
- **Chronic Effects:** Prolonged or repeated exposure may cause dermatitis and liver/kidney effects.

Section 12: Ecological Information

- Ecotoxicity: May be harmful to aquatic life in high concentrations.
- Persistence and Degradability: Expected to be biodegradable.
- Bioaccumulative Potential: Low to moderate potential.

Section 13: Disposal Considerations

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

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Section 14: Transport Information

• UN Number: Not Regulated

• Proper Shipping Name: Anisyl Acetone

• Hazard Class: Not applicable

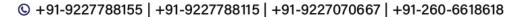
• Packing Group: Not applicable

Section 15: Regulatory Information

- Complies with Indian chemical safety regulations and listed under international chemical inventories.
- 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.



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