

ACID THICKNER ACIAMINE MSDS

1. Product Identification

- **Product Name:** Acid Thickener
- **Synonyms:** Acid-based thickening agent
- **Use:** Viscosity modifier in acid formulations (e.g., for oilfield acidizing, cleaning)

2. Hazard Identification

- **GHS Classification:**
 - Corrosive to skin and eyes (Category 1)
 - Acute toxicity (may vary)
 - Environmental hazard
- **Signal Word:** DANGER or WARNING (depending on formulation)
- **Hazard Statements:**
 - H314: Causes severe skin burns and eye damage
 - H302: Harmful if swallowed
- **Pictograms:** Corrosive, Exclamation Mark

3. Composition / Information on Ingredients

Ingredient	CAS Number	Concentration (%)	Notes
Acid thickener base	[CAS#]	[XX-YY]	Proprietary or generic thickener agent
Possible acids (e.g. HCl, H ₂ SO ₄)	[CAS#]	[XX-YY]	Present in formulation or impurities

4. First-Aid Measures

- **Inhalation:** Move to fresh air, seek medical attention if symptoms persist.
- **Skin Contact:** Rinse skin immediately with plenty of water for 15+ minutes, remove contaminated clothing, seek medical aid.
- **Eye Contact:** Rinse cautiously with water for 15+ minutes, seek immediate medical attention.
- **Ingestion:** Do NOT induce vomiting, rinse mouth, seek urgent medical attention.

5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO₂.
 - **Hazards:** May release toxic fumes (depending on acid content).
 - **Protective Equipment:** Use self-contained breathing apparatus and full protective gear.
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6. Accidental Release Measures

- Evacuate area and ventilate.
 - Wear PPE: gloves, goggles, respirator.
 - Absorb spill with inert material (sand, vermiculite).
 - Dispose of in accordance with local regulations.
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7. Handling and Storage and Packing

- Handle with care, avoid contact with skin, eyes, and inhalation.
- Store in a cool, dry, well-ventilated area.
- Keep container tightly closed and away from incompatible substances (bases, oxidizers).
- Packing comes 185-200 Kg Drums.

Acid Thickener Storage Guidelines

1. Storage Conditions

Parameter	Requirement
Temperature	10°C – 30°C (avoid freezing or overheating)
Humidity	Store in a dry area
Ventilation	Well-ventilated area to prevent fume buildup
Lighting	Away from direct sunlight
Fire Safety	Keep away from ignition sources (if flammable)

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Use in a fume hood or well-ventilated area.
 - **Exposure Limits:** Refer to specific acid thickener or acid component limits.
 - **PPE:** Chemical resistant gloves, safety goggles, protective clothing, respirator if necessary.
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9. Physical and Chemical Properties

- **Appearance:** [Liquid, gel, powder, etc.]
 - **Color:** [Color]
 - **Odor:** [Odor description]
 - **pH:** Acidic (approximate range)
 - **Boiling Point:** [If applicable]
 - **Flash Point:** [If applicable]
 - **Solubility:** Soluble or dispersible in water
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10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
 - **Incompatible Materials:** Strong bases, oxidizers, metals.
 - **Hazardous Decomposition Products:** May release toxic fumes on heating or combustion.
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11. Toxicological Information

- **Routes of Exposure:** Inhalation, skin, eye contact, ingestion.
 - **Symptoms:** Irritation, burns, respiratory distress depending on exposure.
 - **Chronic Effects:** May cause skin sensitization or respiratory sensitization in some cases.
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12. Ecological Information

- **Ecotoxicity:** May be harmful to aquatic life.
 - **Persistence:** Biodegradable depending on composition.
 - **Environmental Fate:** Avoid release to waterways or soil.
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13. Disposal Considerations

- Dispose of product and containers according to local environmental regulations.
- Neutralize acidic waste before disposal if required.
- Do not release into drains or watercourses.