

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



SAFETY DATA SHEET

Ammonium Sulfate

SECTION 1: Identification

- **Substance Name:** Ammonium Sulfate
- **CAS Number:** 7783-20-2
- **Supplier/ Manufacturer:** Cocreate Global Technologies Private Limited
- **Usage:** General use

SECTION 2: Hazards Identification

- **Classification:** Not classified as hazardous
- **Labeling:** No required labeling under Regulation (EC) No 1272/2008
- **PBT/vPvB Assessment:** Not classified as PBT or vPvB

SECTION 3: Composition

- **Formula:** $(\text{NH}_4)_2\text{SO}_4$
- **Molar Mass:** 132.1 g/mol

SECTION 4: First Aid Measures

- **Inhalation:** Move to fresh air, seek medical assistance if breathing is irregular
- **Skin Contact:** Wash with water and soap
- **Eye Contact:** Rinse with fresh water for 10 minutes
- **Ingestion:** Rinse mouth, do not induce vomiting

SECTION 5: Firefighting Measures

- **Suitable Extinguishing Media:** Water, foam, alcohol-resistant foam, ABC-powder
- **Hazardous Combustion Products:** CO, CO₂, SO_x

SECTION 6: Accidental Release Measures

- **Containment:** Prevent from entering drains, collect spill mechanically
- **Personal Protection:** Wear appropriate protective equipment

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SECTION 7: Handling & Storage

- **Handling Precautions:** Avoid dust generation, ensure proper ventilation
- **Storage Conditions:** Store away from oxidizers

SECTION 8: Exposure Controls

- **Engineering Controls:** General ventilation recommended
- **Personal Protection:** Use gloves, eye protection, and respiratory protection if ventilation is inadequate

SECTION 9: Physical & Chemical Properties

- **Appearance:** Colorless, crystalline solid
- **pH:** 5–6 (in water solution)
- **Melting Point:** 280°C
- **Water Solubility:** 132 g/L at 20°C

SECTION 10: Stability & Reactivity

- **Chemical Stability:** Stable under normal conditions
- **Incompatibilities:** Oxidizing agents

SECTION 11: Toxicological Information

- **Acute Toxicity:** Not classified as acutely toxic
- **Skin/Eye Irritation:** Not an irritant
- **Carcinogenicity & Mutagenicity:** Not classified as carcinogenic

SECTION 12: Ecological Information

- **Environmental Impact:** Not classified as hazardous

SECTION 13: Disposal Considerations

- **Waste Treatment:** Avoid release into drains, dispose of per local regulations

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SECTION 14: Transport Information

- **UN Number:** Not regulated
- **Transport Hazard Class:** None