



Section 1 - Chemical Product and Company Identification

Product Name Ammonium Oxalate Monohydrate extrapure AR, ACS, ExiPlus, Multi-Compdial, 99%
Product Code 53621
CAS No 6009-70-7
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road, Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I	Index Number
AMMONIUM OXALATE MONOHYDRATE	6009-70-7	238-135-4		607-007-00-3

Section 3 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Harmful in contact with skin and if swallowed.

Section 4 - First Aid Measures

AFTER INHALATION : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

AFTER EYE CONTACT: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION: If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

Section 5 - Fire Fighting Measures



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EXTINGUISHING MEDIA: Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE

EQUIPMENT FOR

FIREFIGHTERS: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 - Accidental Release Measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL :

Evacuate area.

PROCEDURE(S) OF PERSONAL

PRECAUTION(S): Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR

CLEANING UP : Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

HANDLING : Directions for Safe Handling: Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

STORAGE

Conditions of Storage: Keep tightly closed.

Section 8 - Exposure Control / Personal Protection



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ENGINEERING

CONTROLS: Safety shower and eye bath. Use only in a chemical fume hood.

GENERAL

HYGIENE MEASURES: Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

PERSONAL

PROTECTIVE

EQUIPMENT: Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Hand Protection: Compatible chemical-resistant gloves. Eye Protection: Chemical safety goggles.

Section 9 - Physical and Chemical Properties

Appearance Color: White

Form: Fine crystals

pH : 6.0 - 7.0

Formula: $(\text{NH}_4)_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$

Molecular Weight: 142.11

Section 10 - Stability and Reactivity

STABILITY

Stable: Stable.

Materials to Avoid: Strong oxidizing agents, Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous

Decomposition Products: Carbon monoxide, Carbon dioxide,
Nitrogen oxides.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information



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SIGNS AND SYMPTOMS OF

EXPOSURE : Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: Harmful if absorbed through skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: Harmful if swallowed.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

SUBSTANCE DISPOSAL : Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14 - Transport Information

Shipping Name: Hazard Class: UN Number: Packing Group:

IATA	Corrosive			
	solid, n.o.s.	8	1759	III
IMO	Corrosive			
	solid, n.o.s.	8	1759	III
RID/ADR	Corrosive			
	solid, n.o.s.	8	1759	III

Section 15 - Regulatory Information



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CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

ANNEX I INDEX NUMBER: 607-007-00-3

NOTA: A

INDICATION OF DANGER: Xn

Harmful.

R-PHRASES: 21/22

Harmful in contact with skin and if swallowed.

S-PHRASES: 24/25

Avoid contact with skin and eyes.

COUNTRY SPECIFIC INFORMATION

Germany

WGK: 1

Self-Classification

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.