



Section 1 - Chemical Product and Company Identification

Product Name Ceric Sulphate 0.1N Solution
Product Code 61414
CAS No 13590-82-4
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

CAS#	Chemical Name:	%	EINECS#
13590-82-4	Ceric Sulphate	98	237-029-5

Section 3 - Hazards Identification

Special Indication Of Hazards To Humans And The Environment

Irritating to eyes, respiratory system and skin.

Section 4 - First Aid Measures

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin: In case of contact, immediately wash skin with soap and copious amounts of water.

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

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

Notes to Physician:

Section 5 - Fire Fighting Measures

Extinguishing Media

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

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



Product Code 61414

Procedure(S) Of Personal

Precaution(S): Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Methods For Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Keep tightly closed.

Section 8 - Exposure Control / Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

General Hygiene Measures: 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 dust mask type N95 (US) or type P1 (EN 143) respirator.

Hand Protection: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Molecular Formula: $Ce(SO_4)_2$

Molecular Weight: 332.24

Section 10 - Stability and Reactivity

Stability: Stable.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition

Products : Carbon monoxide, Carbon dioxide, Cerium/Cerium oxides, Sulfur oxides.

Section 11 - Toxicological Information



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Product Code 61414

Signs And Symptoms

Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Route Of Exposure

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

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

Ingestion: May be 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

	IATA	IMO	RID/ADR
Shipping Name:	Ceric (IV) Sulfate, Cerium Disulfate		
Hazard Class:	5.1(8)	5.1(8)	5.1(8)
UN Number:	3085	3085	3085
Packing Group:	III	III	III

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation(EC) No 1907/2006

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.