



Section 1 - Chemical Product and Company Identification

Product Name Barium Acetate extrapure AR, 99%
Product Code 16985
CAS No 543-80-6
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#
543-80-6	Barium Acetate	<=100	208-849-0

Section 3 - Hazards Identification

Special Indication Of Hazards To Humans And The Environment

Harmful by inhalation and if swallowed.

Section 4 - First Aid Measures

Eyes: 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.

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

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



Product Code 16985

Extinguishing Media

Suitable: Noncombustible. Use extinguishing media appropriate to surrounding fire conditions.

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.

Avoid raising dust. 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. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Conditions of Storage: Keep tightly closed.

Section 8 - Exposure Control / Personal Protection



Product Code 16985

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

General Hygiene Measures: Wash thoroughly after handling.

Exposure Limits - Denmark:

Source Type Value
OEL TWA 0.5 mg/m³

Exposure Limits - United Kingdom:

Source Type Value
OEL LTEL 0.5 MG(BA)/M³

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: Crystalline powder

Color: White **Molecular Formula:**

(C₂H₃O₂)₂Ba **Molecular Weight:** 255.42

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Materials to Avoid: Strong oxidizing agents, Acids. **Hazardous Decomposition**

Products : Not known.

Hazardous Polymerization : Will not occur

Section 11 - Toxicological Information



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RTECS NUMBER: AF4550000

Acute Toxicity: LD50 OralRat 921 mg/kg
LD50 IntravenousMouse 21 mg/kg

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: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation.

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

Ingestion: Harmful if swallowed.

Target Organ Information: Bone marrow. Heart. Nerves. Kidneys. G.I. System.
Spleen. Liver.

Chronic Exposure - Carcinogen

Result: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

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:
Non-hazardous	Non-hazardous	Non-hazardous	Hazard Class:
UN Number: Packing Group:			

Section 15 - Regulatory Information



Product Code 16985

Classification And Labeling According To Eu Directives Annex I Index Number: 056-002-00-7

Nota: A

Indication Of Danger: Xn Harmful.

R-PHRASES: 20/22 Harmful by inhalation and if swallowed.

S-PHRASES: 28 After contact with skin, wash immediately with plenty of water.

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.