



Section 1 - Chemical Product and Company Identification

Product Name Ammonium Bismuth Citrate extrapure AR, 43-46% Bi
Product Code 95407
CAS No 31886-41-6
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#
31886-41-6	Ammonium Bismuth Citrate	43-46%	250-856-6

Section 3 - Hazards Identification

Special Indication Of Hazards To Humans And The Environment:

Not hazardous according to Directive 67/548/EEC.

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 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 breathing becomes difficult, call a physician.

Section 5 - Fire Fighting Measures

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



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Procedure(S) Of Personal

Precaution(S): Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

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: Avoid inhalation. 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

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). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Hand Protection: Protective gloves.

Eye Protection: Chemical safety goggles.

Section 9 - Physical and Chemical Properties

Physical State: Crystalline Powder

Color: White

Molecular Formula: $C_{24}H_{20}Bi_4O_{28}.6NH_3.10H_2O$

Molecular Weight: 1875

Section 10 - Stability and Reactivity

Stability: Stable.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition

Products: Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information



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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. May be harmful if inhaled. 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:	Non-hazardous	Non-hazardous	Non-hazardous
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

Classification And Labeling According To Eu Directives

S-PHRASES: 22-24/25 Do not breathe dust. Avoid contact with skin and eyes. Not hazardous according to Directive 67/548/EEC.

Country Specific Information: Germany WGK: 3 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.