



Certificate No. : 6709-002

Shree Jay Ambe

Jay Dinesh Chemicals
Quality is Priority

Offic Add:- 303/304 Murlidhar complex,
Opp Fathepura Post offic,
Bhattha, Paldi, Ahmedabad- 3800 007
Gujarat, INDIA.

Teli :+91 79 26608664/ 79 26608667
9974013523/ 9909949962

Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science,
Vill Chacharwadi vasana, Sarkhej bavla highway,
TA, Sanand, Dist. Ahmedabad- 382 213
Gujarat, INDIA.

Teli: +91 2717 294247 / 7817 013055
+91 9979317523
Websight: www.jaydinesh.com

MATERIAL SAFETY DATA SHEET

Ammonium Bi Sulphite

1: MANUFACTURER'S INFORMATION

Manufactured by: Jay Dinesh Chemicals, Survey No. 184 to 186, Nr. Claris Village Chacharawadi – Vasna, Sarkhej Bawla Highway, Ta. Sanad, Dlst. Ahmedabad–382213.

2: Chemical Composition and Information on Ingredients

Chemical name: Ammonium Bi Sulphite
Chemical formula: NH₄HSO₃
CAS NO: 10192-30-0
Molecular weight: 99.11 g/mol
HSN code: 28322090

3: Hazards Identification

Acute inhalation: Non hazard for recommended handling.
Eyes: No specific hazard known. However, any material that contacts the eye may be
Skin: Non hazard for recommended handling.
Ingestion: Expected to be a low ingestion hazard.
Explanation of carcinogenicity: None of the compounds in this product is listed by iarc ntp, or osha as a carcinogen.
Signs and symptoms of overexposure: Eye irritation.

4: First Aid Measures

Eye contact: In case of contact, immediately flush with copious amounts of tepid water for a minimum of 20 minutes. Eyelids should be held apart and away from eyeball for thorough rinsing. Cold water may be used. Get medical attention immediately.

Skin contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious skin contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

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

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.



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5: Fire and Explosion Data

Flammability of the Product:	Non flammable.
Flash Points °c:-	Above 75 °c.
Various substances:	Not applicable.
Fire & explosive hazards:	When heated, sulphur dioxide vapours will evolve. Further heating may cause rapid thermal decomposition resulting in rapid release of heat, sulphur dioxide and associated pressure. Keep containers/storage vessels in fire area cooled with water spray.
Fire fighting equipment:	Wear self-contained breathing apparatus, pressure demand And full protective gear.
Special Remarks on Fire Hazards:	Not available.

6: Accidental Release Measures

Small Spill:	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill:	Confine area to qualified personnel. wear proper protective equipment. Stop leak if Safe to do so. Absorb with Dry earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

7: Handling and Storage

Handeling:	Keep container dry. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.
Storage:	Store in well ventilated areas in enclosed containers. Do not store combustibles in the area of storage vessels. Keep away from any sources of heat or flame.

8: Exposure Controls/Personal Protection

Engineering controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
Personal protection:	Face shield. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves, Boots.
Personal protection in case of a large spill:	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this
Exposure Limits:	Not available.

9: Physical and Chemical Properties

Physical state and appearance:	Liquid.
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Color:	Yellowish Solution
pH (1% soln/water):	Neutral.
Boiling point:	111 °C
Pour point:	-30 °C
Decomposition temperature:	50 °C & MORE
Specific gravity:	Weighted average: 1.3 (Water = 1)
Vapor pressure:	The highest known value is 2.3 kPa (@ 20°C)
Vapor density:	The highest known value is 0.62 (Air = 1)
Dispersion properties:	See solubility in water.
Solubility:	Easily soluble in cold water.

10: Stability and Reactivity Data

Stability:	stable.
Incompatibility with various substances:	Not available.
Corrosivity:	Non-corrosive in presence of glass.
Special remarks on reactivity:	Not Reactive
Polymerization:	Will not occur.

11: Toxicological Information

Oral	Not available.
Dermal	Not available.
Inhalation	Not available.
Chronic / carcinogenicity:	Not available.
Teratology:	Not available.
Reproduction:	Not available.
Mutagenicity:	Not available.

12: Ecological Information

Ecotoxicity:	Not available.
BOD and COD:	Not available.
Products of biodegradation:	Possibly hazardous short/long term degradation products are to be expected.
Toxicity of the products of biodegradation :	The products of degradation are more toxic.
Special remarks on the products of biodegradation :	Not available.

13: Disposal Considerations

Waste disposal:	Disposal, treatment, or discharge should be made in accordance with all applicable federal, state and local laws and regulations.
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Other precautions: Avoid prolonged or repeated skin contact with product.remove & wash contaminated clothing.wash hands after use.

14: Transport Information

Dot classification: Not required.
Identification: Bisulfite, Aqueous Solution, N.O.S. (Ammonium Bisulfite, Solution),UNNA: UN2506
PG: III
Special provisions for transport: Not available

15. Regulatory information

The product listed on this msds has been classified in accordance with the hazard criteria of the government controlled products regulations. this msds contains all information required by those regulations.

16: Other Information :

The responsibility to provide a safe orkplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice Pcedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.