



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

Monoethanolamine

1: MANUFACTURER'S INFORMATION

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

2: Chemical Composition and Information on Ingredients

Chemical name:	Ethanol 2-amino
Chemical formula:	HOCH ₂ CH ₂ NH ₂ or C ₂ -H ₇ -N-O
CAS NO:	141-43-5
Molecular weight:	61.08 g/mole
HSN code:	29221100

3: Hazards Identification

Acute inhalation:	May cause respiratory irritation
Eyes:	Very hazardous in case of eye contact (irritant), of ingestion.
Skin:	Hazardous in case of skin contact (irritant, permeator),
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:	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin contact:	Wash with plenty of soap and water. Wash contaminated clothing before reuse. If
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

5: Fire and Explosion Data

Flammability of the Product:	Non flammable.
Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Explosion hazard	Not applicable.
Fire & explosive hazards:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.



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Fire fighting equipment: Wear self-contained breathing apparatus, pressure demand And full protective gear.
Special Remarks on Fire: Do not enter fire area without proper protective equipment, including respiratory
Hazards: protection.

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: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust. Use only outdoors or in a well-ventilated area.
Storage: Keep only in the original container in a cool, well ventilated place away from : incompatible materials. Keep container tightly closed.

8: Exposure Controls/Personal Protection

Engineering controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Personal protection: Gloves. Safety glasses. Dust production: dust mask with filter type P1.
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
Color: colourless
pH (1% soln/water): 10 [Basic.]
Boiling point: 170.8°C (339.4°F)
Melting Point: 10.3°C (50.5°F)
Decomposition temperature: No information available
Specific gravity: 1.018 (Water = 1)
Vapor pressure: 0.1 kPa (@ 20°C)
Vapor density: 2.1 (Air = 1)



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Dispersion properties: See solubility in water, methanol, diethyl ether, acetone
Solubility: Soluble in cold water, hot water, methanol, acetone. Partially soluble in diethyl ether.

10: Stability and Reactivity Data

Reactive: None
Chemical stability Not established.
Possibility of hazardous recations Not established.
Conditions to avoid Direct sunlight. Extremely high or low temperatures.
Polymerization: Not established.

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: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.
Other precautions: Avoid release to the environment.

14: Transport Information

Dot classification: Not required.
Identification: Not required.
Special provisions for transport: Not available



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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 Pocedures 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.