



AMT Labs, Inc.

# MATERIAL SAFETY DATA SHEET

Product /Material: Citrulline Malate  
Manufacturer: AMT Labs, Inc.  
Address: 680 North 700 West, North Salt Lake, Utah 84054  
Emergency Tel. No.: (801) 299-1661, Monday through Friday  
7:00 a.m. to 4:00 p.m.

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## **Section I: Product Identification**

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Trade Name: Citrulline Malate  
Synonym: n/a  
Chemical Family: n/a  
Formula: n/a  
CAS Number: n/a  
HMIS: n/a

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## **Section II: Hazardous Ingredient**

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Possible hypersensitization and allergic reaction to dust

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## **Section III: Physical Data**

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Boiling Point (°F): n/a  
Vapor Pressure (mm Hg): n/a  
Vapor Density: n/a  
Solubility in Water: n/a  
Specific Gravity (H<sub>2</sub>O=1): n/a  
Percent Volatile by Weight: n/a  
Evaporation Rate: n/a  
Appearance: White to off-white powder

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## **Section IV: Fire and Explosion Hazard Data**

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Flash Point (method used): n/a  
Flammable Limits - LEL: n/a  
- UEL: n/a  
Extinguishing Methods: Water, sand and foam  
Special Fire Fighting Procedures: Emits toxic fumes under fire conditions; protect against this.  
Unusual Fire and Explosion Hazards: None

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**Section V: Health Hazard Data**

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Threshold Limit Values: TLV: 10 mg/m<sup>3</sup>, LD50 (Oral, rat): 7.3 g/kg  
Effects of Overexposure: Excess dust may cause eye and respiratory tract irritation.  
Emergency and First Aid Procedures: Skin: Remove contaminated clothing and wash thoroughly.  
Eyes: Wash with copious amounts of water, including under eyelids. Overdose of ingestion: Contact a physician. Inhalation: Move away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen.

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**Section VI: Reactivity Data**

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Incompatibility: n/a  
Hazardous Decomposition Products: Thermal decomposition products may include toxic oxides of carbon, nitrogen oxides and others.

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**Section VII: Spill or Leak Procedures**

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Steps to be Taken in Case Material Is Released or Spilled: Sweep and flush with water in accordance with local, state and federal regulations.  
Waste Disposal Method: Normal solid waste disposal in accordance with local, state and federal regulations.

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**Section VIII: Special Protection Information**

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Eye Protection (Use Most Appropriate): OSHA-approved safety glasses  
Skin Protection: OSHA-approved rubber gloves  
Respiratory Protection: NIOSH/MSHA approved respirator if exposure may, or does exceed occupational exposure limits.  
Ventilation: Local exhaust

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**Section IX: Special Precautions**

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None

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Prepared by: Oliver L. Fang, M.D.      Revision Date: 2/26/09

*NOTICE: The data and recommendations presented herein are based upon data which is considered to be accurate; however, AMT Labs, Inc. makes no guarantees or warranties, expressed or implied, of the accuracy or completeness of said data and recommendations.*