

Material Safety Data Sheet L-Citrulline

Section 1 - Product Identification

Product Name : L-Citrulline
Company Identification : Tradeasia International Pte. Limited
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Section 2 – Hazards Identification

Hazard classification : Not classified
Labels elements
Hazard symbol : No symbol
Signal word : No Signal word
Hazard statement : Not applicable
Precautionary statement : Not applicable
Supplemental Hazard Statements : None

Section 3 – Composition/Information on Ingredients

Ingredient : L-Citrulline
CAS No. : 372-75-8
Percent : NLT 98.0%
Formula : $C_6H_{13}N_3O_3$
Molecular Weight : 175.19 g/mol

Section 4 – First-Aid Measures

Description of first aid measures

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.
Swallowed : Get medical advice/attention if you feel unwell. Rinse mouth.
Most important symptoms and effects, both acute and delayed : No data available
Indication of any immediate medical attention and special treatment needed : No data available
Treatment

Section 5 – Fire Fighting Measures

Extinguishing media

Suitable extinguishing media : Dry chemical, foam, water spray, carbon dioxide.

Special hazards arising from The substance or mixture : Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume. Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)

Advice for firefighters : Wear self contained breathing apparatus for firefighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions : Prevent product from entering drains.
Methods and materials for containment and cleaning up : Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7 – Handling and Storage

Precautions for safe handling : Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities : Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents.
 Moisture-sensitive

Section 8 – Exposure Controls/Personal Protection

Exposure limit	: No data available
Appropriate engineering controls	: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.
Personal protective equipment	
Respiratory protection	: Dust respirator. Follow local and national regulations
Hand protection	: Protective gloves
Eye protection	: Safety glasses. A face-shield if the situation requires.
Skin and Body Protection	: Protective clothing. Protective boots if the situation requires.

Section 9 – Physical and Chemical Properties

Appearance	: White- almost white crystal- powder.
Odor	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash Point	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Relative density	: No data available
Solubility in water	: No data available
Solubility (other)	: No data available

Section 10 – Stability and Reactivity

Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No special reactivity has been reported.
Conditions to avoid	: No data available
Incompatible materials	: Oxidizing agents
Hazardous decomposition products	: Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)

Section 11 – Toxicological Information

Information on toxicological effects	
Acute toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye	: No data available

irritation

Respiratory or skin sensitization : No data available

Germ cell mutagenicity : No data available

Carcinogenicity

IARC : No data available

NTP : No data available

OSHA : No data available

Reproductive toxicity : No data available

Route of Exposure : No data available

Signs and Symptoms of Exposure : No data available

Section 12 – Ecological Information

Toxicity : No data available

Persistence and degradability : No data available

Bioaccumulative potential : No data available

Mobility in soil : No data available.

Other adverse effects : No data available.

Section 13 – Disposal Considerations

Disposal instructions : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Dispose of as unused product.

Section 14 – Transport Information

	UN No.	UN Proper Shipping Name	Hazard Class(es)	Packaging Group	Marine Pollutant
DOT			Not dangerous goods		
IMDG			Not dangerous goods		
IATA			Not dangerous goods		

Section 15 – Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
 No Data Available.

Section 16 : Additional Information

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