

MATERIAL SAFETY DATA SHEET
GRANULAR CITRIC ACID



1. Identification of Substance, Preparation and Company

Product Name: Citric Acid Granular
Company Name: Bathbomb.biz limited
Company Address: 37 Worting Road
Basingstoke
Hampshire
RG21 8TZ
Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Definition / Botanical Origin: Chemical : Citric Acid Monohydrate
H-No:
CAS No: 77-92-9
Status: Organic Acid
CoE No:
FEMA:
Additives: None
FDA:
IFRA:
Formula: $C_6H_8O_7H_2O$
Application:
INCI Name: Citric Acid
FCCIV:
Ingredient Declaration:

3. Hazards Identification

- Severe eye irritant
- Skin and respiratory irritant
- Prolonged or repeated exposure may cause skin sensitisation in some individuals
- RISK PHRASES R37 R38 R41



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4. First Aid Measures

Inhalation:	Mild irritation of breathing passages.
Inhalation Treatment:	Remove from exposure. Rest and keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention.
Eye Exposure:	Mild irritation.
Eye Exposure Treatment:	Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
Skin Contact:	Mild mechanical irritation risk of sensitisation
Skin Contact Treatment:	Remove contaminated clothing, rinse skin with plenty of water.
Ingestion:	Mild gastrointestinal disturbance.
Ingestion Treatment:	Wash out mouth with water. Do not induce vomiting. If patient is conscious give plenty of water to drink. If patient feels unwell seek medical attention.
Immediate Treatment / Antidote::	Symptomatic treatment

5. Fire Fighting Measures

Extinguishing Media Recommended:	Use water fog, carbon dioxide, foam or dry chemical..
Special Measures:	Avoid inhalation of toxic fumes. Use NIOSH approved and full protective equipment when fighting chemical fire. Use water spray to cool nearby exposed to fire.
Extinguishing Procedures:	Material does not burn Excessive heat may cause production of hazardous decomposition products

6. Accidental Release Measures

Personal precautions:	Wear appropriate PPE. See section 8
Environmental precautions:	Avoid creating dusts. Ensure good ventilation.
Cleaning up methods for spillages:	Vacuum or sweep up and place in suitable labelled containers. Cover contaminated surfaces with Soda Ash or Sodium Bicarbonate. Add water if necessary. Neutralize with NH ₄ OH or 6M HCL. Hold for waste disposal



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7. Handling and Storage

Precautions in handling:	Ensure good general ventilation. Avoid inhaling dusts Avoid contact with eyes and skin.
Storage conditions:	Store in original containers in cool, dry conditions at ambient temperature
Fire protection:	See section 10
Neutralizing Agent:	Soda ash or Sodium Bicarbonate

8. Exposure Controls / Personal Protection

Respiratory protection:	Type approved RPE for dusts if required.
Skin protection:	Rubber or plastic gloves lightweight overalls
Eye protection:	Wear safety glasses.
Work/Hygiene practices:	Wash hands with soap & water after handling. Do not eat, drink or smoke around this product.

9. Physical and Chemical Properties

Appearance:	Odourless, free-flowing, white crystalline powder
Melting Point (°C):	153
Flash Point (°C):	Not flammable
Solubility in Water	59.2 G/100g Water (appreciable)
Specific gravity @ 20°C:	1.542
PH:	2.2% - 2,5 ppm (in solution at 5%)
Density	1.665g/ml

10. Stability and Reactivity

Reactivity:	Mildly corrosive to carbon steel
Stability:	Stable in normal conditions
Conditions to avoid:	High temperatures, sparks, open flames



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11. Toxicological Information

- Irritation to eyes
- Irritation to skin and respiratory tract

12. Ecological Information

Biodegradability:	Easily degradable
Mobility:	Soluble in water
Aquatic Toxicity	Highly toxic to fish. Not considered to be toxic to bacteria
Air pollution	50mg/m ³ for a mass emission > 0.5kg/h

13. Disposal Considerations

- Dispose of according to local regulations

14. Transport Information

Road (ADR/RID):	Not restricted
Air (IATA):	Not restricted
Sea (IMDG)	Not restricted

15. Regulatory Information (According to Directive 88/379/EEC)

Label Required:	Yes
Label Name:	Citric Acid
Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	CAUTION



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16. Other Information

16.1. Packaging

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HDPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

16.2. Shelf Life

Min 12 months when stored within advised conditions

16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

