



**Sujata**  
Nutri-Pharma

**SUJATA NUTRI-PHARMA PVT. LTD.**  
875/2, GIDC Estate, Makarpura, Vadodara-390010

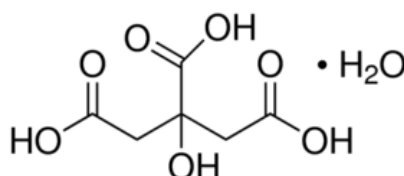
### MATERIAL SAFETY DATA SHEET

Name of product : <b>CITRIC ACID MONOHYDRATE</b>	Page Revision no .	1 of 8 00
Document number : <b>SNP/MSDS-013</b>	Effective date :	02-05-2022

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifiers:

Product form : Substance  
Substance name : Citric Acid monohydrate  
CAS No : 5949-29-1  
Formula : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub> · H<sub>2</sub>O



##### 1.2 Relevant identified uses of the substance or mixture and uses advised again

Identified uses : Laboratory chemicals, Industrial & for professional use only.

##### 1.3 Details of the supplier of the safety data sheet

Company : Sujata Nutri-Pharma Pvt. Ltd.  
875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India  
Telephone : 0265-3500351  
Website : www.sujatanutripharma.com  
Email : info@sujatanutripharma.com

##### 1.4 Emergency telephone number

Emergency telephone : 02652630282 (9:00 to 6:00) office hours only

#### SECTION 2: Hazards identification

##### 2.1 Classification of the substance or mixture

###### Classification according to Regulation (EC) No 1272/2008

Eye irritation (Category 2), H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

###### Classification according to EU Directives 67/548/EEC or 1999/45/EC

Xi Irritant R36

For the full text of the R-phrases mentioned in this Section, see Section 16.


##### 2.2 Label elements

###### Labelling according Regulation (EC) No 1272/2008

Hazard pictograms :

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GHS07

Signal word (GHS) : Warning  
 Hazard statement(s) H319 : Causes serious eye irritation.  
 Precautionary statement(s)  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Supplemental Hazard Statements : none

**2.3 Other hazards**  
None.

**2.4. Unknown acute toxicity**  
Not applicable

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Substance type	: Mono-constituent
<b>Name</b>	: Citric Acid, monohydrate (Main constituent)
<b>Product identifier</b>	: (CAS No) 5949-29-1
%	: 100

**Hazardous ingredients according to Regulation (EC) No 1272/2008**




Component	Classification	Concentration
<b>Citric acid monohydrate</b>		
CAS-No. 5949-29-1	Eye Irrit. 2; H319	<= 100 %
EC-No. 201-069-1		

**Hazardous ingredients according to Directive 1999/45/EC**

Component	Classification	Concentration
<b>Citric acid monohydrate</b>		
CAS-No. 5949-29-1	Xi, R36	<= 100 %
EC-No. 201-069-1		




For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

**Section 4: First Aid Measures**

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<p><b>4.1 Description of first aid measures</b></p> <p><b>General advice</b> Consult a physician. Show this safety data sheet to the doctor in attendance.</p> <p><b>If inhaled</b> If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.</p> <p><b>In case of skin contact</b> Wash off with soap and plenty of water. Consult a physician.</p> <p><b>In case of eye contact</b> Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.</p> <p><b>If swallowed</b> Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician</p> <p><b>4.2 Most important symptoms and effects, both acute and delayed</b> The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11</p> <p><b>4.3 Indication of any immediate medical attention and special treatment needed</b> no data available</p>
<b>SECTION 5: Fire Fighting Measures</b>
<p><b>5.1 Extinguishing media</b></p> <p><b>Suitable extinguishing media</b> Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide</p> <p><b>5.2 Special hazards arising from the substance or mixture</b> Carbon oxides</p> <p><b>5.3 Advice for firefighters</b> Wear self contained breathing apparatus for fire fighting if necessary</p> <p><b>5.4 Further information</b> No data available</p>
<b>SECTION 6: Accidental release measures</b>
<p><b>6.1 Personal precautions, protective equipment and emergency procedures</b> Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.</p> <p><b>6.2 Environmental precautions</b> Do not let product enter drains.</p> <p><b>6.3 Methods and materials for containment and cleaning up</b> Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed</p>

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containers for disposal.

#### 6.4 Reference to other sections

For disposal see section 13.

### Section 7: Handling and Storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store at ambient/room temperature away from sunlight in a tightly closed condition.

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### Section 8: Exposure Controls/Personal Protection

#### 8.1 Control parameters

**Components with workplace control parameters**

#### 8.2 Exposure controls

##### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

##### Personal protective equipment

##### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.




##### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Do not let product enter drains.

### Section 9: Physical and Chemical Properties

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**9.1 Information on basic physical and chemical properties**

- a) Appearance Form: crystalline  
Colour: white
- b) Odour no data available
- c) Odour Threshold no data available
- d) pH 1,8 at 50 g/l at 20 °C
- e) Melting point/freezing point no data available
- f) Initial boiling point and boiling range no data available
- g) Flash point 173,9 °C - closed cup
- h) Evapouration rate no data available
- i) Flammability (solid, gas) no data available
- j) Upper/lower flammability or explosive limits no data available
- k) Vapour pressure no data available
- l) Vapour density 7,26 - (Air = 1.0)
- m) Relative density no data available
- n) Water solubility no data available
- o) Partition coefficient: n- octanol/water no data available
- p) Auto-ignition temperature no data available
- q) Decomposition temperature no data available
- r) Viscosity no data available
- s) Explosive properties no data available
- t) Oxidizing properties no data available

**9.2 Other safety information**

Bulk density 900 kg/m<sup>3</sup> at 20 °C  
Relative vapour density 7,26 - (Air = 1.0)

**Section 10 : Stability and Reactivity Data**

**10.1 Reactivity**

no data available

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Oxidizing agents, Bases, Reducing agents, Nitrates

**10.6 Hazardous decomposition products**




Other decomposition products - no data available

In the event of fire: see section 5

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Section 11 : Toxicological Information
<p><b>11.1 Information on toxicological effects</b></p> <p><b>Acute toxicity</b> no data available LD50 Intraperitoneal - rat - 375 mg/kg</p> <p><b>Skin corrosion/irritation</b> no data available</p> <p><b>Serious eye damage/eye irritation</b> Eyes - rabbit Result: Irritating to eyes.</p> <p><b>Respiratory or skin sensitisation</b> Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.</p> <p><b>Germ cell mutagenicity</b> no data available</p> <p><b>Carcinogenicity</b> IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p><b>Reproductive toxicity</b> no data available</p> <p><b>Specific target organ toxicity - single exposure</b> no data available</p> <p><b>Specific target organ toxicity - repeated exposure</b> no data available</p> <p><b>Aspiration hazard</b> no data available</p> <p><b>Additional Information</b> RTECS: GE7810000 Vomiting, Diarrhoea, Damage to tooth enamel., Dermatitis</p>
Section 12 : Ecological Information
<p><b>12.1 Toxicity</b> no data available</p> <p><b>12.2 Persistence and degradability</b> no data available</p> <p><b>12.3 Bioaccumulative potential</b> no data available</p>

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<p><b>12.4 Mobility in soil</b> no data available</p> <p><b>12.5 Results of PBT and vPvB assessment</b> PBT/vPvB assessment not available as chemical safety assessment not required/not conducted</p> <p><b>12.6 Other adverse effects</b> no data available</p>
<b>Section 13 : Disposal Considerations</b>
<p><b>13.1 Waste treatment methods</b> <b>Product</b> Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.</p> <p><b>Contaminated packaging</b> Dispose of as unused product</p>
<b>Section 14 : Transport Information</b>
<p><b>14.1 UN number</b> ADR/RID: -                      IMDG: -    IATA: -</p> <p><b>14.2 UN proper shipping name</b> ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods</p> <p><b>14.3 Transport hazard class(es)</b> ADR/RID: -                      IMDG: -    IATA: -</p> <p><b>14.4 Packaging group</b> ADR/RID: -                      IMDG: -    IATA:</p> <p><b>14.5 Environmental hazards</b> ADR/RID: no                      IMDG Marine pollutant: no    IATA: no</p> <p><b>14.6 Special precautions for user</b> no data available</p>
<b>Section 15: Other Regulatory Information</b>
<p>This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.</p> <p><b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b> no data available</p> <p><b>15.2 Chemical Safety Assessment</b> For this product a chemical safety assessment was not carried out</p>
<b>Section 16 : Other Information</b>

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Revision date: 02-05-2022  
Other information: None.

**Full text of H-Statements referred to under sections 2 and 3.**

Eye Irrit.            Eye irritation  
H319                Causes serious eye irritation.

**Full text of R-phrases referred to under sections 2 and 3**

Xi                    Irritant  
R36                Irritating to eyes.

**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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