

Safety Data Sheet

Section 1: Identification

- **Product Name:** Citric Acid Anhydrous
 - **Product Code:** 5718
 - **Manufacturer/Supplier:** Total Lab Supplies Ltd
 - **Address:** 6 Ketterer Court, St Helens, WA9 3AH
 - **Phone Number:** 01744 455 000
 - **Emergency Telephone Number:** 01744 455 000 in office hours. 111 outside office hours.
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Section 2: Hazard(s) Identification

- **Classification:** Serious eye damage (Category 1)
- **GHS Signal Word:** Danger



- **Hazard Statements:**
 - H318 – Causes serious eye damage
 - **Precautionary Statements:**
 - P280 – Wear protective gloves/protective clothing/eye protection/face protection.
 - P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P309+P310 – IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician.
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Section 3: Composition/Information on Ingredients

- **Chemical Name:** Citric Acid
 - **CAS Number:** Citric Acid – 5949-29-1
 - **Concentration:** Citric Acid – 100%
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Section 4: First-Aid Measures

- **Inhalation:** Remove to fresh air and keep at rest. If not breathing, give artificial respiration. Consult a physician.
 - **Skin Contact:** Wash off with soap and plenty of water. Consult a physician if irritation persists.
 - **Eye Contact:** Flush eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
 - **Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control centre immediately.
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Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.
 - **Specific Hazards:** In case of fire may be liberated: Carbon dioxide (CO₂) Carbon monoxide Sulphur oxides
 - **Special Protective Equipment and Precautions for Firefighters:** DO NOT fight fire when fire reaches explosives. In case of fire: Wear self-contained breathing apparatus.
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Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid generation of dust. Do not breathe dust. Provide adequate ventilation. Use personal protection equipment.
 - **Environmental Precautions:** Do not allow to enter into surface water or drains.
 - **Methods for Containment and Clean-Up:** Spilled product must never be returned to the original container for recycling. Soak up inert absorbent and dispose as waste requiring special attention. Collect in closed and suitable containers for disposal.
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Section 7: Handling and Storage

- **Handling: Avoid:** Inhalation. Avoid contact with skin and eyes. Use extractor hood (laboratory). If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means. Usual measures for fire prevention.
 - **Storage:** Keep container tightly closed in a cool, well-ventilated place.
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Section 8: Exposure Controls/Personal Protection

- **Exposure Controls:** Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.
- **Exposure Limits:**
 - Does not contain substances above concentration limits fixing an occupational exposure limit.

- **Personal Protective Equipment:**
 - **Respiratory Protection:** In case of inadequate ventilation or potential exposure to high concentrations of vapour or mist, wear appropriate respiratory protection equipment such as NIOSH-approved supplied-air respirators.
 - **Eye Protection:** Wear chemical splash goggles or safety glasses with side shields to protect against potential eye contact.
 - **Skin Protection:** Wear chemical-resistant gloves (e.g., nitrile or neoprene) to prevent skin contact. Ensure gloves are selected based on the specific task and duration of contact. Wear suitable protective clothing, such as lab coats or chemical-resistant aprons, to prevent skin exposure.
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Section 9: Physical and Chemical Properties

- **Physical State:** Solid
 - **Colour:** White
 - **Odour:** No data available
 - **pH:** No data available
 - **Boiling Point:** No data available
 - **Melting Point:** 135°C
 - **Flash Point:** 173°C
 - **Solubility in Water:** No data available
 - **Density:** No data available
 - **Viscosity:** No data available
 - **Vapour Pressure:** No data available
 - **Partition Coefficient (n-octanol/water):** No data available
 - **Auto-Ignition Temperature:** No data available
 - **Flammability Limits:** No data available
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Section 10: Stability and Reactivity

- **Stability:** No data available
 - **Conditions to Avoid:** No data available
 - **Incompatible Materials:** No data available
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Section 11: Toxicological Information

- **Acute Toxicity:** LD50: 3000 mg/kg - species: rat
- **Skin Corrosion/Irritation:** No data available

- **Eye Damage/Irritation:** No data available
 - **Sensitization:** No data available
 - **Chronic Effects:** No data available
 - **Target Organ Effects:** No data available
 - **Carcinogenicity:** No data available
 - **Mutagenicity:** No data available
 - **Teratogenicity and Reproductive Toxicity:** No data available
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Section 12: Ecological Information

- **Environmental Fate:** No data available
 - **Persistence and Degradability:** No data available
 - **Bioaccumulative Potential:** No data available
 - **Ecotoxicity:** No data available
 - **Environmental Hazards:** No data available
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Section 13: Disposal Considerations

- **Disposal Methods:** Dispose of in accordance with local regulations. Do not discharge into drains or the environment.
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Section 14: Transport Information

- **UN Number:** NR
 - **Shipping Name:** NR
 - **Transport Hazard Class:** NR
 - **Packing Group:** NR
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Section 15: Regulatory Information

- **UK Regulations:** Control of Substances Hazardous to Health Regulations (COSHH) 2002
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Section 16: Other Information

- **Created date:** 26/07/2024
- **Date last reviewed:** 26/07/2024
- **Version:** 1.00
- **Disclaimer:** The information provided in this Safety Data Sheet is based on the current state of knowledge and regulations. It is not intended to be all-inclusive or to replace the user's judgment.