

Citric Acid Powder (TNL 1734 – 17342)

1. Identification

Citric Acid Anhydrous.

2. Composition/Information on Ingredients

Designation: Citric acid

Identification CAS No: 77-92-9
EINECS No: 2010691

3. Hazards Identification

Citric acid is not considered a hazardous.

4. First-Aid Measures

Eye contact Rinse eye with copious amounts of water.

Skin contact The product is not skin irritating.

Inhalation Remove to fresh air. Seek medical advice if symptoms persist.

Ingestion In case of persistent symptoms seek medical advise.

5. Fire-Fighting Measures

Extinguishing media CO₂, Chemical powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Protective equipment for Fire-fighters No special measures required.

6. Accidental Release Measures

Personal protection: Not required.
Environmental Protection: No special measures required.
Cleaning/collecting: Collect mechanically.
Additional information: No dangerous materials are released.

7. Handling and storage

The product requires no special measures to be taken for safe handling and storage.

8. Exposure Control and Personal Protection

The usual precautionary measures should be adhered to in handling chemicals. No protection for the hands or eyes is required. Ventilation or breathing equipment not required.

9. Physical and Chemical Properties

Physical form	Powder.
Colour	White.
Odour	Slight.
pH of aqueous solution	Not applicable
Boiling point	Not determined
Melting point	Not determined
Viscosity	Not applicable
Flash point	Not determined
Flammability solid/gas	Not applicable
Autoflammability	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable
Vapour pressure	Not applicable
Specific gravity	Not determined
Water solubility	Soluble.
Bulk density	Not determined
Partition coefficient octanol/water	Not applicable
Explosive limits	Not applicable

10. Stability and Reactivity

Thermal decomposition	Stable under normal conditions of use.
Hazardous reactions	None known.

11. Toxicological Information

Refer to Section 16.

12. Ecological Information

Biodegradation	Soluble in water. Not generally hazard to the environment.
Fish toxicity	No data, but not expected to be harmful.
Bacterial toxicity	No data, but not expected to be harmful.

13. Disposal Considerations

Smaller quantities can be disposed of with household waste. Disposal must be made according to official regulations.

14. Transport Information

UN number	Not assigned
IMDG code/class	Non hazardous
ICAO/IATA (air) class	Non hazardous
RID/ADR class	Non hazardous
ADNR class	Non hazardous

15. Regulatory Information

The material is not subject to classification according to EC lists and other sources of literature known at this present time. Observe the normal safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV). Water hazard class 0 (assessment by list) : not generally hazardous for water.

16. Other Information

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.