

DMSO STORE™

Safety Data Sheet

Version 5.50

Issue date: 2-21-23

1. IDENTIFICATION

Product Identifier

Product name Citric Acid USP Kosher
Product code

Recommended use of chemical and restrictions on use:

Recommended use None Specified

Details of the supplier of the safety data sheet

Supplier address DMSO Store Inc.
3580 SW 30th Ave
Fort Lauderdale FL
33312

Emergency telephone number

Company number 954-616-5699
Emergency telephone (24 hr.) 772-834-3947

2. HAZARDS IDENTIFICATION

Classification

Product definition Substance

Classification of Substance 29 CFR 1910 (OSHA HCS)
Eye irritation, Category 2A [H319]

Hazard pictograms



Signal word

Warning

Hazard Statements

H319- Causes serious eye Irritation

Precautionary statements

Prevention

-P264

Wash skin thoroughly after handling

-P280

Wear protective gloves, protective clothing, and eye protection.

Response

-P305+P352+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

-P337+ P313

If eye irritation persists: Get medical attention.

Other hazards that do not require classification

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Citric Acid

CAS No. 77-92-9

% wt. 100

Mixture

Not applicable

4. FIRST AID MEASURES

Eye Contact

Do not rub eye. Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical attention.

Skin Contact

If skin irritation does occur, wash with soap and flush with plenty of water. Remove contaminated clothes and shoes.

Inhalation

May cause respiratory irritation, if this occurs, remove to fresh air.

Ingestion

If swallowed rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Do not leave victim unattended. If victim becomes unconscious, Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Personal precautions, protective equipment, and emergency procedures.

<u>Suitable Extinguishing Media</u>	Use extinguishing media suitable for the surrounding fire.
<u>Unsuitable Extinguishing media</u>	None
<u>Specific hazards arising from the chemical</u>	Closed containers may rupture under pressure if exposed to high heat.
<u>Products of combustion</u>	None.
<u>Protective Equipment and precautions for firefighters</u>	As in any fire, wear SCBA and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protection recommended in Section 8. Ventilate area. Clean up spills immediately.
Environmental precautions	Prevent entry into waterways, sewers, or soil.

Methods and materials for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so. Do not allow runoff. Do not flush spills down the drain.
Methods for clean-up	Contain spill. Carefully collect material and place in proper container for disposal. Clean area with soap and water.

7. HANDLING AND STORAGE

<u>Advise on safe handling</u>	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in section 8. Do not breath dust. Practice good ventilation when handling this material.
<u>Incompatible Materials</u>	Moisture, strong oxidizers, sulfides, metal nitrates, alkalis, alkali carbonates and bicarbonates, acetates, potassium tartrate.
<u>Storage</u>	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep container tightly closed to prevent moisture absorption.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Appropriate engineering controls

Engineering controls	Ensure adequate ventilation, especially in confined areas. Eyewash stations
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields
Skin and body protection	Wear protective clothing and gloves when handling material.
Respiratory Protection	Work in a well-ventilated area. Wear an approved respirator if dust is above permissible exposure limits.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid
Appearance	White powder
Color	White
Property values pH	2.2
Melting Point/ Freezing point	154 ° C
Flash Point	345 ° C
Upper Flammability limits	N/A
Lower Flammability limits	N/A
Vapor Pressure	N/A
Boiling Point Range	175° C
Relative Density	N/A
Water Solubility	576 g/kg at 20 ° C
Odor	odorless

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Not reactive under normal conditions
<u>Chemical Stability</u>	Stable under recommended storage conditions
<u>Hazardous Reactions</u>	May react violently with incompatible materials.
<u>Conditions to Avoid</u>	Extreme heat, Incompatible materials, moisture
<u>Incompatible materials</u>	Moisture, strong oxidizers, sulfides, metal nitrates, alkalis, alkali carbonates and bicarbonates, acetates, potassium tartrate.
<u>Hazardous Decomposition Products</u>	Thermal Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause eye irritation. Signs and symptoms may include redness, swelling, tearing, and blurry vision.
Skin Contact	May cause skin irritation. Signs and symptoms may include localized redness, swelling and itching.
Inhalation	May cause respiratory irritation in high air concentrations.
Ingestion	May cause gastrointestinal irritation. Symptoms may include stomach upset, nausea, vomiting and diarrhea.

Component information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Citric Acid	>3,000 mg/kg rat	>2,000 mg/kg rat	No data

Information on physical, chemical, and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms
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Delayed and immediate effects as well as chronic effects from short- and long-term exposures

Carcinogenicity	This product does not contain any carcinogenic or potential carcinogens as listed by OSHA, IARC
Mutagenicity	No genotoxic activity was observed

12. ECOLOGICAL TOXICITY

<u>Chemical name</u>	<u>Fish</u>	<u>Aquatic invertebrates</u>
Citric Acid	LC ₅₀ - Leuciscus idus (Golden orfe), Static test, 96 h: 440-760 mg/l LC ₅₀ -Lepomis macrochirus (bluegill), Statics test, 96 h: 1,516 mg/l	EC ₅₀ - Daphnia magna (water flea) 72 h: 120 mg/l

<u>Persistence/ Degradability</u>	This substance is expected to biodegrade over time.
<u>Bioaccumulation</u>	Has a low potential for bioaccumulation.
<u>Mobility</u>	Highly mobile
<u>Other adverse Effects</u>	Not Determined

13. DISPOSAL CONSIDERATIONS

<u>Disposal Instructions</u>	Disposal should be in accordance with applicable regional, national and local laws and regulations
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14. TRANSPORTATION INFORMATION

DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

Chemical Inventories

TSCA

All Ingredients are listed in compliance with the chemical notification requirements of TSCA.

US Federal Regulations

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200

SARA 313

Not Listed

CWA (Clean water Act)

This product does not contain any substance regulated as pollutant pursuant to the Clean Water Act (40 CFR 122.21 and (40 CFR 122.42).

US State Regulations

Not determined.

California Proposition 65

This product does not contain any chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Massachusetts

US Massachusetts Right to Know law, no components are listed.

New Jersey

US New Jersey Right to Know Act. No components are listed.

Pennsylvania

US Pennsylvania Worker and Community Right to Know law, no components listed.

16. OTHER INFORMATION

NFPA

Health Hazards	Flammability	Instability	Special Hazards
2	0	0	None determined

HMIS

Health Hazards	Flammability	Physical Hazards	Personal Protection
2	0	0	C= safety glasses, gloves, and apron

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as guidance for safe handling, use, processing, storage, transportation, and disposal. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

End of Safety Data Report