

DMSO STORE™

Safety Data Sheet

Version 5.50

Issue date: 3-20-2023

1. IDENTIFICATION

Product Identifier

Product name	Ascorbic Acid
Product code	

Recommended use of chemical and restrictions on use:

Recommended use

Food Additive

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)
Not classified as
dangerous

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ascorbic Acid	CAS No. 50-81-7	% wt. 100
Mixture		Not applicable

4. FIRST AID MEASURES

Eye Contact

Do not rub eyes. 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 the victim unattended. If the victim becomes unconscious, Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media suitable for the surrounding fire, such as dry chemical, carbon dioxide, or alcohol-resistant foam.

Unsuitable Extinguishing media

None.

Specific hazards arising from the chemical

None.

Products of combustion

None.

Protective Equipment and precautions for firefighters

As in any fire, wear SCBA and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures.

Personal precautions	Use personal protection recommended in Section 8. Ventilate area.
Environmental precautions	Follow local recommendations for disposal.

Methods and materials for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for clean-up	Contain spill. Carefully collect material and place it in a proper container for disposal. Clean the area with soap and water.

7. HANDLING AND STORAGE

Advise on safe handling

Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in section 8. Practice good ventilation when handling this material.

Incompatible Materials

None

Storage

Store in a well-ventilated place. Keep cool. Keep the container tightly closed to prevent moisture absorption.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Appropriate engineering controls

Engineering controls	N/A
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Individual protection measures, such as personal protective equipment

Eye/face protection	None needed in normal use.
Skin and body protection	None needed in normal use.
Respiratory Protection	None needed in normal use.
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 Solid
Color	White
Property values pH	3.0
Melting Point/ Freezing point	190 ° C
Flash Point	372.5 ° C
Upper Flammability limits	N/A
Lower Flammability limits	N/A
Vapor Pressure	N/A
Boiling Point Range	N/A
Relative Density	1.65 g/cm ³
Water Solubility	>200 g/l
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>	N/A
<u>Conditions to Avoid</u>	Extreme heat, moisture
<u>Incompatible materials</u>	None
<u>Hazardous Decomposition Products</u>	None

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause eye irritation.
Skin Contact	N/A
Inhalation	N/A
Ingestion	N/A

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>Algae/Aquatic Plants</u>	<u>Fish</u>	<u>Aquatic invertebrates</u>
Ascorbic acid		LC ₅₀ -Fish 96 h: >1000 mg/kg	LC ₅₀ - Bacteria 16 h: 140 mg/L

<u>Persistence/ Degradability</u>	N/A
<u>Bioaccumulation</u>	N/A
<u>Mobility</u>	None
<u>Other adverse Effects</u>	None

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
ADR	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 pollutants 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.

Pennsylvania

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

16. OTHER INFORMATION

NFPA

Health Hazards	Flammability	Instability	Special Hazards
1	1	1	None determined

HMIS

Health Hazards	Flammability	Physical Hazards	Personal Protection
0	0	0	A= Goggles

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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 particular use.

End of Safety Data Report