



Safety Data Sheet Ascorbic Acid

SECTION 1: Identification

1.1 Product identifier

Product name	Ascorbic Acid
Product number	chem-42
Brand	Nature's Oil

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

General hazard statement

Not regarded as a health hazard under current legislation.

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. L-ASCORBIC ACID

Concentration	100 % (weight)
---------------	----------------

Safety Data Sheet

Ascorbic Acid

EC no. 200-066-2
CAS no. 50-81-7

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION
If inhaled	May cause transient respiratory tract irritation at high exposure levels. Move affected person to fresh air. If recovery not rapid, seek medical attention.
In case of skin contact	Wash affected area with plenty of soap and water.
In case of eye contact	Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.
If swallowed	DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml).

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media suitable against surrounding fire or the cause of fire.

5.2 Specific hazards arising from the chemical

Burning may release oxides of carbon and other hazardous gases or vapours.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing.

6.2 Environmental precautions

Prevent contamination of soil, drains and surface water.

6.3 Methods and materials for containment and cleaning up

Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal.
Wash the area clean with water and detergent, observing environmental requirements.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation and local exhaust extraction in work place. Avoid breathing dust.

Safety Data Sheet

Ascorbic Acid

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place, in securely closed original container.

SECTION 8: Exposure controls/personal protection

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use eye protection

Body protection

Use protective gloves.

Respiratory protection

If unable to control dust emissions below OES limits, an approved dust protection to P2 level of protection is recommended.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White crystalline powder
Odor	Odourless
Odor threshold	
pH	2.3
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use.

10.4 Conditions to avoid

Avoid prolonged exposure to light.

10.5 Incompatible materials

Oxidising agents.

Safety Data Sheet

Ascorbic Acid

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

11900 mg/kg. May cause irritation to eyes, skin, and mucous membranes.

Respiratory or skin sensitization

Chronic ingestion of large doses may cause gastro-intestinal disturbances including nausea, diarrhoea and urinary effects.

SECTION 12: Ecological information

Toxicity

Readily biodegradable

Mobility in soil

Soluble in water

SECTION 13: Disposal considerations

Disposal of the product

Via authorised/licenced waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

SECTION 14: Transport information

DOT (US)

Not classified as hazardous for transport.

IMDG

Not classified as hazardous for transport.

IATA

Not classified as hazardous for transport.

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment

Not classified.

SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.