

1. IDENTIFICATION

1.1 Product Identifiers

Product Name: Ascorbic Acid
Alternative names: L-Ascorbic acid, 3-keto-L-gulofuranolactone
Product Number: FA-1-1EA, FS-2B01E, NAC-0145(xx), NAC-0146(xx).

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For laboratory and educational use only

1.3 Details of the supplier of the safety data sheet

Company: LAB-AIDS®, Inc, 17 Colt Ct., Ronkonkoma, NY 11779, USA
Telephone: +1 800 381 8003.
Fax: +1 631 820 8268

1.4 Emergency telephone number: Emergency number: CHEMTREC +1 800 424-9300; +1 703 527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

2.2 Label elements, including precautionary statements

Signal word: Not classified
Hazards statements: Not classified
Precautionary statements: Not classified

Pictogram: Not classified

2.3 Hazards not otherwise classified: Combustible dust

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: Powder

3.2 Mixture: N/A

Chemical Name	Product identifier	%	GHS-US classification
L-Ascorbic acid	CAS#50-81-7	100%	Not classified

3.3 Chemicals where a trade secret is claimed: None

4. FIRST AID MEASURE

4.1 Description of the first aid measure:

INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if necessary.

INHALATION: Remove to fresh air. Get medical attention if necessary.

EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if necessary.

SKIN CONTACT: Flush thoroughly with mild soap and water. Remove contaminated clothing. Get medical attention if irritation develop.

4.2 Most important symptoms and effects, both acute and delayed: Refer to section 11.

4.3 Indication of any immediate medical attention and special treatment needed: No additional information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Use TriClass, dry chemical extinguisher for surrounding fires.

5.2 Special hazard arising from the substance or mixture: Not available.

5.3 Advice for firefighters: Use self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear laboratory grade gloves, eye protection and a lab coat.

6.2 Emergency procedures: Restrict unprotected personnel from the area.

6.3 Methods and material used for containment and cleanup procedure: Sweep up or vacuum and place for disposal. Avoid formation of dust. Wash spill area with soap and water.

7. HANDLING AND STORAGE

7.1 Precaution for safe handling: Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Use only under adult supervision. Avoid breathing dust. Use with adequate ventilation. Wash hands thoroughly after handling.

7.2 Storage: Keep container in cool, well-ventilated area.

7.3 incompatibility: Refer to section 10.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: ACGIH: Not classified

8.2 Exposure controls: Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits.

Respiratory protection: Non should be needed if normal laboratory handling at room temperature.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid.

Appearance: White crystals.

Odor: Not available

pH: Not available

Vapor Pressure (mm Hg): Not available

Vapor Density: Not available

Evaporation Rate: Not available

Viscosity: N/A

Flash point: N/A

Autoignition: N/A

Boiling point: Not available

Melting point: >190 °C (374 °F)

Freezing point: Not available

Decomposition temp: >190 °C (374 °F)

Solubility: Soluble in water

Specific gravity (H₂O = 1): 1.65 g/cm³

Percent volatile (%): Not available

Molecular formula: C₆H₈O₆

Molecular weight: 176.13

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Heat, ignition sources, incompatible materials.

Incompatibilities: Reactive with oxidizing materials, alkalis, iron, copper.

Hazardous decomposition: Carbon oxides.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute effects: Eyes: May cause mild eye irritation. Skin: No data available. Inhalation: No data available. Ingestion: No data available.

Toxicological data

Acute oral toxicity ORAL LD₅₀: 11900mg/kg [Rat]

Acute vapor toxicity IHL-LC₅₀: Not available

DERMAL LD₅₀: Not available

Carcinogenicity:

California prop 65: Not classified

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATION

Disposal of in accordance with all local, state, and federal regulations, or contact a licensed chemical disposal agency.

14. TRANSPORT INFORMATION

UN number: N/A

Shipping name: N/A

Hazard Class: N/A

Packing group: N/A

Exceptions: Ltd Qty. N/A

15. REGULATORY INFORMATION

TSCA-listed. EC-No. 200-066-2

16. OTHER INFORMATION

Disclaimer:

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