

Camlab Limited – Material Safety Data Sheet

1. Identification

Product Code CC/1569-CA
Product Name L-ASCORBIC ACID pure
Molecular Formula $\text{OCOC(OH)C(OH)CHCHOHCH}_2\text{OH}$ =176.13
CAS Number 50-81-7

Supplier:



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(Have this document to hand)

2. Composition

No hazardous components

3. Hazards Identification

Not considered harmful

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Water spray.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Presents no major hazards.

Environmental Presents no major environmental hazard.

Major Spillage Shovel/sweep up into container for removal Wash area down with copious amounts of water.

Minor Spillage Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.
Storage Conditions	Well ventilated, cool, dry storage .

8.1 Workplace Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory	If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	White crystalline powder or granules.
Odour	No specific odour.
pH	2 (50 mg/ml)
Boiling point	Not available
Melting point	191.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	1.6500 °C
Water Solubility	33%

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	Strong oxidising agents. Iron, copper and nickel salts.
Hazardous Decomposition Products	None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide.

11. Toxicological Information

Eyes	Contact with the solid or dust may be irritating to the eyes.
Skin	Contact with the solid or dust may be irritating to the skin.
LD50 Skin	Not available
Ingest	Ingestion of large amounts may cause diarrhoea, nausea, vomiting, hyperpnoea and convulsions.
LD50 Ingest	Oral Rat 11900 mg/Kg
Inhalation	Inhalation of dust may produce irritation of the eyes, nose, throat and respiratory tract.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

11. Toxicological Information (continued)

Other Information Used in the food industry.

12. Ecological

Small amounts present no specific environmental hazard.

13. Disposal Considerations

Disposal Methods Do not dispose of as domestic waste. Dispose of to a licensed land fill site.

Contaminated Packaging Wash out containers with water. Use a licensed waste disposer.

14. Transport Information

Proper Shipping Name Non-restricted
UN Number Non-restricted
UN Classification None
Subsidiary Risk None
Flash Point Not available
Packing Group None
Transport Category None
Marine pollutant No
ADR Hazard ID Non-restricted

15. Regulatory Information

Labelling None
Classification

Label Symbols None

Risk & safety Phrases None

EEC Number 200-066-2

16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

Revision Date: 25/11/08.

Data reviewed and PDF file generated: 17/03/10.

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