

Camlab Limited – Material Safety Data Sheet


1. Identification

Product Code CC/1443-CO

Product Name **TARTARIC ACID pure**

Molecular Formula **(CHOHCOOH)₂ =150.09**

CAS Number **87-69-4**

Supplier: **CAMLAB LIMITED**
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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 Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes.

Extinguishing Media Water spray, foam, dry powder or carbon dioxide.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Environmental Presents no major environmental hazard.

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

6. Accidental Release Measures (continued)

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 Not available

Boiling point Not available

Melting point 169.0 °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 1.7600 °C

Water Solubility 14.7%

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid No specific conditions.

Materials to Avoid Strong oxidising agents.

Hazardous May produce hazardous fumes if involved in a fire.

Decomposition Products

11. Toxicological Information

Eyes Contact with the solid or dust may cause severe irritation.

Skin Contact with the solid or dust may be irritating to the skin.

LD50 Skin Not available

Ingest Presents no significant hazard by ingestion.

LD50 Ingest Oral rat >5000mg/Kg

Inhalation Inhalation of dust may produce irritation of the eyes, nose, throat and respiratory tract.

Carcinogenicity Not considered to be a carcinogen.

11. Toxicological Information (continued)

Mutagenicity Not considered to be a mutagen.

Reproductive Effects None identified.

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 201-766-0

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.

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