

# Camlab Limited – Material Safety Data Sheet


## 1. Identification

Product Code CC/1443-CO

Product Name **TARTARIC ACID pure**

Molecular Formula **(CHOHCOOH)<sub>2</sub> =150.09**

CAS Number **87-69-4**

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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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