

Camlab Limited – Material Safety Data Sheet

1. Identification


Product Code CC/1442-CH

Product Name **TANNIC ACID pure**

Molecular Formula **C₇₆H₅₂O₄₆ =1701.22**

CAS Number **1401-55-4**

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. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water.

5. Fire Fighting Measures

Hazards May evolve toxic fumes if involved in a fire. Fire-fighters should wear protective clothing and breathing apparatus.

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 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 Brown powder.
Odour No specific odour.
pH 3 (5% solution)
Boiling point Not available
Melting point 229.0 °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 Negligible
Relative Density Not available
Water Solubility Very soluble in water.

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 will be irritating to the eyes.
Skin Presents no significant hazard by skin contact.
LD50 Skin Not available
Ingest Low order of acute toxicity.
LD50 Ingest Not available
Inhalation Presents no significant health hazard by inhalation.

11. Toxicological Information (continued)

Carcinogenicity	Given repeatedly at extremely high doses it has produced tumours in the urinary tract of male rats when administered from birth. It is generally accepted that it is safe as a artificial sweetener
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.
Other Information	Used as an artificial sweetener throughout the food industry.

12. Ecological

No specific information.

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	215-753-2

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: 27/05/99. Data reviewed and PDF file generated: 17/03/10. Copyright 2010 Camlab Limited.
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