

Camlab Limited – Material Safety Data Sheet

1. Identification

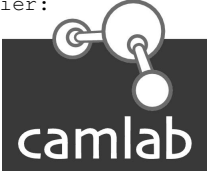
Product Code CC/1701-CA

Product Name **COPPER METAL POWDER (electrolytic)**

Molecular Formula **Cu =63.55**

CAS Number **7440-50-8**

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.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Not normally considered as an industrial hazard. If large quantities are ingested seek medical attention.

5. Fire Fighting Measures

Hazards Does not constitute a fire hazard but will burn if involved in a fire.

Extinguishing Media Use dry sand or special metal fire extinguishing powder.

Unsuitable Media Do not use high pressure extinguishers or water jets.

6. Accidental Release Measures

Personal Protection Wear appropriate protective clothing.

Environmental Keep material out of sewers, storm drains, surface waters and soil.

Major Spillage Sweep up, place in a bag and hold for waste disposal.

Minor Spillage Sweep up, place in a bag and hold for waste disposal.

7. Storage & Handling

Handling Precautions No specific precautions.

8.1 Workplace Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory Use only in a chemical fume hood.

Hands Wear gloves.

Eyes No specific hazard through eye contact although the wearing of safety glasses is advised.

Skin Presents no significant hazard through skin contact.

9. Physical & Chemical Properties

Appearance Pale pink powder.

Odour No specific odour.

pH Not available

Boiling point 2595.0 °C

Melting point 1080.0 °C

Flash point Not available

Upper Flammable Limit Not available

Lower Flammable Limit Not available

Auto Ignition Not available

Explosive properties Can form explosive dust clouds.

Oxidising Properties No.

Vapour Pressure Not available

Relative Density 8.9000 °C

Water Solubility Insoluble in water.

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid Hot surfaces, naked flames or other sources of ignition.

Materials to Avoid Sulphuric acid. Bromine. Halogens and halogen compounds. Potassium. dioxide. Iodides. Chlorates.

Hazardous May produce hazardous fumes if involved in a fire.

Decomposition Products

11. Toxicological Information

Eyes Presents no significant health hazard to the eyes.

Skin Presents no significant hazard by skin contact.

LD50 Skin Not available

Ingest Presents no significant hazard by ingestion.

LD50 Ingest Not available

Inhalation Presents no significant health hazard by inhalation.

Carcinogenicity Not considered to be a carcinogen.

Mutagenicity Not considered to be a mutagen.

Reproductive Effects None identified.

12. Ecological

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods Do not dispose of as domestic waste.

Contaminated Packaging Wash out containers with water.

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
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Risk & safety Phrases	None
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EEC Number	Not available
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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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