

1. Identification

Product Code **1110406**

Product Name **CUPRIC CARBONATE BASIC**

Molecular Formula **CuCO₃.Cu(OH)₂.H₂O =239.1 (approx)**

CAS Number **12069-69-1**

Supplier: **CAMLAB LIMITED**
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England
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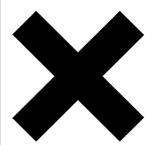
Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**
24hr 112
(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
COPPER METAL POWDER (electrolytic)	7440-50-8		55.3%	Xn :	N/A

3. Hazards Identification



Harmful if swallowed.

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. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. OBTAIN MEDICAL ATTENTION URGENTLY.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Environmental Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

6. Accidental Release Measures (continued)

Major Spillage	Vacuum up into container for removal. Carefully remove material from vacuum cleaner and transfer to sealable container for disposal. Carry out this operation under fume extraction. Wash area down with copious amounts of water.
Minor Spillage	Vacuum up into container for removal. Carefully remove material from vacuum cleaner and transfer to sealable container for disposal. Carry out this operation under fume extraction. 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 below the recommended limits.
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	Pale blue-green powder.
Odour	No specific odour.
pH	Not available
Boiling point	Not available
Melting point	200.0 °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	Not available
Water Solubility	Insoluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	No specific materials to avoid.
Hazardous Decomposition Products	May produce hazardous fumes if involved in a fire.

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes.
Skin	Contact with the solid or dust may irritating to the skin.
LD50 Skin	Not available

11. Toxicological Information (continued)

Ingest	Toxic if swallowed. May cause damage to central nervous system and kidneys.
LD50 Ingest	Not available
Inhalation	Inhalation of dust may produce irritation of the eyes and respiratory tract.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

Not biodegradable : highly water contaminating. Known to be toxic to aquatic organisms : no data available.

13. Disposal Considerations

Disposal Methods	Dispose of to a licensed land fill site.
Contaminated Packaging	Wash out containers with water. Use a licensed waste disposer.

14. Transport Information

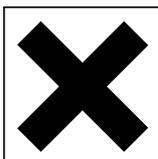
Proper Shipping Name	Toxic Solid, Inorganic, N.O.S. (Cupric Carbonate)
UN Number	3288
UN Classification	6.1 Toxic
Subsidiary Risk	None
Flash Point	Not available
Packing Group	III
Transport Category	2
Marine pollutant	No
ADR Hazard ID	60



15. Regulatory Information

Labelling	Harmful.
Classification	

Label Symbols	Xn
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Risk & safety Phrases	Harmful if swallowed. Avoid contact with skin and eyes.
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EEC Number	235-113-6
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16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC.
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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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Data reviewed and PDF file generated: 17/03/10.

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