

Camlab Limited – Material Safety Data Sheet


1. Identification

Product Code CC/0832-CO

Product Name **AMMONIUM CARBONATE POWDER pure**

Molecular Formula **$\text{NH}_4\text{HCO}_3 \cdot \text{NH}_2\text{COONH}_4$ 157.13**

CAS Number 10361-29-2

Supplier: **CAMLAB LIMITED**
**Norman Way Industrial Estate
Over
Cambridge
England
CB4 5WE**

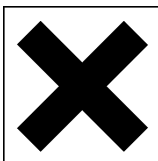
Phone 01954 233110
Fax 01954 233101

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)
Ammonium carbonate	10361-29-2	233-786-0	99.0%	Xn : R022	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. 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 Presents no specific fire danger.

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

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Presents no major hazards.

Environmental Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

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 . Product is hygroscopic: store in sealed containers away from heat, light and humidity.

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 powder.
Odour Slight ammoniacal odour.
pH 12 @ 20 °C
Boiling point Not available
Melting point 891.0 °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 2.5300 °C
Water Solubility 30%

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid Avoid ingress of water and contact with acids.

Materials to Avoid Acids.

Hazardous None unusual.

Decomposition Products

11. Toxicological Information

Eyes The solid and solutions will be irritating to the eyes.

Skin The solid and solutions will be irritating to the skin.

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	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	Flush to drain.
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 Classification	Harmful.
Label Symbols	Xn 
Risk & safety Phrases	Harmful if swallowed.
EEC Number	233-786-0

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. Revision Date: 21/01/10. Data reviewed and PDF file generated: 17/03/10. Copyright 2010 Camlab Limited.
----------------------	---