Camlab Limited - Material Safety Data Sheet

1110343

1. Identification

Product Code 1110343

Product Name AMMONIUM CHLORIDE pure

Molecular Formula NH₄Cl =53.49

CAS Number 12125-02-9

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 chloride	12125-02-9	235-180-4	> 99.0%	Xn : R22,R36	N/A

3. Hazards Identification



Harmful if swallowed. Irritating to eyes.

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 Avoid breathing dust-wear respiratory protective equipment.

Extinguishing

Media

Consider what other flammable materials are present and act accordingly.

Unsuitable Nothing specified. Media

6. Accidental Release Measures

Personal Avoid breathing dust-wear respiratory protective equipment. Do not allow other people to

Protection enter area. Do not allow general use of area until it is safe to do so.

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 below the recommended

limits.

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 hygroscopic powder. Odour Slight ammoniacal odour.

pH 5 @ 20 °C
Boiling point 340.0 °C
Melting point Not available
Flash point Not available
Upper Flammable Limit Not available

Upper Flammable Limit Not available
Lower Flammable Limit Not available
Auto Ignition Not available

Explosive properties No. Oxidising Properties No.

Vapour Presure Not available Relative Density 1.5274 °C Water Solubility 23%

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid Avoid contact with moisture as product is very hygroscopic.

Materials to Avoid No specific conditions.

Hazardous Decomposes to emit ammonia and toxic and extremely irritant fumes of hydrogen chloride.

Decomposition Products

11. Toxicological Information

Eyes Contact with the solid or dust may be irritating to the eyes.

Skin Contact with the solid or solution may be irritating to the skin. Repeated exposure may

cause dermatitis.

LD50 Skin Not available

LD50 Ingest Oral rat 1650mg/Kg

11. Toxicological Information (continued)

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

Slightly toxic to aquatic species but is unlikely to bioaccumulate. Readily bio-degraded in the environment.

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 Harmful.

Classification

Label Symbols Xn



Risk & safety Phrases Harmful if swallowed. Irritating to eyes. Keep out of reach of children. Do not breath

dust

EEC Number 235-180-4

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: 18/09/00.

Data reviewed and PDF file generated: 17/03/10.

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