

# Camlab Limited – Material Safety Data Sheet


## 1. Identification

Product Code CC/2393-CA

Product Name 4-DIMETHYLAMINO BENZALDEHYDE A.R.

Molecular Formula  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO} = 149.19$

CAS Number 100-10-7

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

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. If discomfort persists 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. Do not induce vomiting. OBTAIN MEDICAL ATTENTION.

## 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. Use approved personal protective equipment. Evacuate area immediately. Do not allow general use of area until it is safe to do so.

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

## 6. Accidental Release Measures (continued)

Major Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.
Minor Spillage	Wash area down with copious amounts of water.

## 7. Storage & Handling

Handling Precautions	No specific precautions.
----------------------	--------------------------

## 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 yellow crystalline solid.
Odour	No specific odour.
pH	4
Boiling point	Not available
Melting point	73.0 °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	.03%

## 10. Stability & Reactivity

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

## 11. Toxicological Information

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

## 11. Toxicological Information (continued)

Reproductive Effects      None identified.

## 12. Ecological

.Acute bacterial toxicity:activated sludge micro-organism. EC50:1961mg/l

## 13. Disposal Considerations

Disposal Methods            Dispose of in a licensed incinerator.

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                 202-819-0

## 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: 6/05/99.

Data reviewed and PDF file generated: 19/07/07.

Copyright 2007 Camlab Limited.