Camlab Limited – Material Safety Data Sheet

1. Identification 1110364 Product Code BORIC ACID POWDER pure Product Name H₃BO₃ =61.83 Molecular Formula 10043-35-3 CAS Number CAMLAB LIMITED Supplier: C Norman Way Industrial Estate Over Cambridge England carr CB4 5WE 01954 233110 Phone 01954 233101 Fax 08:00-17:00 01954 233110 Emergency Telephone 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.		
Inhalation	Remove from exposure.		
Ingestion	Wash out the patients mouth thoroughly with water. 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.
Enviromental	Presents no major environmental hazard.
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	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	

9. Physical & Chemical Properties

White powder.
No specific odour.
4 (In solution)
Not available
171.0 °C
Not available
Not available
Not available
Not available
No.
No.
Not available
Not available
4.6%

clothing must be worn.

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	The solid and solutions may be irritating to the skin. Repeated exposure may cause dermatitis.	
LD50 Skin	Not available	
Ingest	Toxic if swallowed, severe vomiting, diarrhoea, shock and death of young children has been reported following ingestion of 5-10g. The lowest lethal dose in man is 709mg/Kg.	
LD50 Ingest	Oral rat 2260 mg/Kg	
Inhalation	Inhalation of dust may produce irritation of the eyes, nose, throat and respiratory tract.	
Carcinogenicity	Not considered to be a carcinogen.	
Mutagenicity	Not considered to be a mutagen.	

11. Toxicological Information (continued)

Reproductive Effects None identified.

12. Ecological

LC50, 96hr, Dab >74 mg/l; LC50, 48hr, Daphnia magna 242 mg/l; EC10, 96hr, Green algae 242 mg/l

13. Disposal Considerations

Disposal Methods

Flush to drain.

Contaminated Packaging Use a licensed waste disposer. 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

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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