

Product Code	CB6000-44		
Product Name	BROMOPHENOL BLUE (PH INDICATOR)		
Other Names	phenol		
Molecular Formula	$C_{19}H_{10}Br_4O_5S = 669.96$		
CAS Number	115-39-9		
Supplier:	BEECROFT & PARTNERS Northfield Road Rotherham South Yorkshire		
Phone	01709-377881		
Fax	01709-369264		
Emergency Telephone	08:30-1700 24hr (Have this document to		01709



Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
BROMOPHENOL BLUE	115-39-9	204-086-2	100.0%	None	N/A

Not considered harmful

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. Remove contaminated clothing immediately and wash before re-use.
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.

Hazards	Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. Combustible and may emit acrid fumes if involved in a fire.
Extinguishing Media	Water spray, alcohol resistant foam, dry powder or carbon dioxide.
Unsuitable Media	Nothing specified.

6. Accidental Release Measures

Personal Protection	Avoid breathing dust.
Enviromental	Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.
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 to a minimum.
Storage Conditions	Well ventilated, cool, dry storage .

8.1 Occupational 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	Pink/Crimson powder.
Odour	No specific odour.
pH	Not available
Boiling point	Not available
Melting point	218.0 °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 Presure	Not available
Relative Density	Not available
Water Solubility	Slightly soluble in water.

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	Stains skin.
LD50 Skin	Not available
Ingest	Low order of acute toxicity.
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.
Reproductive Effects	None identified.
Other Information	Used as a fungicide and parasiticide in fish.

12. Ecological

Toxicity to fish : LC50 (various species) 0.0305-0.383 mg/l.

13. Disposal Considerations

Disposal Methods	Do not dispose of as domestic waste.
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
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	None
Classification	
Label Symbols	None
Risk & safety Phrases	None
EEC Number	204-086-2

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: 24/09/99.
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