



SAFETY DATA SHEET

BactiDrop™ Lactophenol Aniline Blue

Date of issue - 27/09/2007.

R21526

Section 1. Chemical Product and Company Identification

Product No. R21526
Trade name BactiDrop™ Lactophenol Aniline Blue
Manufacturer REMEL Inc.
12076 Santa Fe Drive
P.O. Box 14428
Lenexa
Kansas KS 66215
U.S.A.
Tel: (+1) 913 888 0939
Fax: (+1) 913 895 4128
Emergency: Chemtrec USA 800-424-9300

Supplier Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards Toxic by inhalation, in contact with skin and if swallowed. Causes burns. Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Possible risk of irreversible effect.

This product is for in vitro diagnostic use only.

Specimen material may contain pathogenic organisms. Handle with the appropriate precautions.
Corrosive to eyes.

Human health hazards - Eyes Corrosive to eyes.

Human health hazards - Skin Toxic in contact with skin. Corrosive to the skin.

Human health hazards - Ingestion Toxic if swallowed. May cause burns to mouth, throat and stomach.

Human health hazards - Inhalation Toxic by inhalation. Corrosive to the respiratory system.

Section 3. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

Component	CAS No.	Concentration	Classification	Risk Phrases
Glycerol	56-81-5	40.00 % v/v	Xi - Irritant.	R36/38- Irritating to eyes and skin.
Phenol	200-289-5	20.00 % w/v	Muta. Cat. 3	R68- Possible risk of irreversible effects.
	108-95-2		T - Toxic.	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
	203-632-7		Xn - Harmful.	R48/20/21/22- Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
			C - Corrosive.	R34- Causes burns.



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Section 4. First Aid Measures

First Aid - Eyes	Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.
First Aid - Skin	In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention immediately.
First Aid - Ingestion	Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
First Aid - Inhalation	Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
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Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing. Safety glasses or chemical goggles to EN166, 167 and 168. Neoprene gloves.
Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing.
Storage	Store at room temperature. Keep well closed and protected from direct sunlight and moisture.

Section 8. Exposure Controls, Personal Protection

Occupational Exposure Limits (Preparation) - Europe

Phenol	UK EH40: MEL 2 ppm 8hr TWA. (Skin)
Glycerol, Mist	UK EH40: OES 10 mg/m ³ 8hr TWA.

Occupational Exposure Limits (Preparation) - United States

Phenol	ACGIH TLV 5 ppm (19 mg/m ³) 8hr TWA. (Skin) OSHA PEL 5 ppm (19 mg/m ³) 8hr TWA. (Skin)
Glycerol, Mist	ACGIH TLV 10 mg/m ³ 8hr TWA. OSHA PEL 5 mg/m ³ 8hr TWA.

Protective Measures - Respiratory	Recommended: Handle the material in a fume hood/cupboard or under local exhaust ventilation.
Protective Measures - Hands	Neoprene gloves.
Protective Measures - Eyes	Safety glasses or chemical goggles to EN166, 167 and 168.
Protective Measures - Body	Lab coat.



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Section 9. Physical and Chemical Properties

Physical state	Liquid.
Colour	Blue.
Flammability	Not combustible.

Section 10. Stability and Reactivity

Stability	Stable under recommended storage and handling conditions (see section 7).
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Section 11. Toxicological Information

Acute toxicity	Toxic by inhalation, in contact with skin and if swallowed.
Eye irritation	This material is corrosive to the eye.
Skin irritation	This material is corrosive to the skin.
Chronic toxicity / Carcinogenic effects	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
Mutagenic Effects	EU Category 3: Cause concern owing to possible mutagenic effects.

Section 12. Ecological Information

Ecotoxicity	No relevant studies identified.
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Section 13. Disposal Considerations

Disposal considerations	Hazardous waste. Dispose of according to all federal, state and local applicable regulations.
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Section 14. Transport Information

UN :	UN number	2821
UN :	Proper shipping name	Phenol solution
UN :	Class	6.1
UN :	Packing group	*** Revised *** II

Section 15. Regulatory Information

Label Requirements	Toxic, Corrosive
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Risk Phrases	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R34- Causes burns. R48/20/21/22- Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. R68- Possible risk of irreversible effects.
Safety Phrases	S24/25- Avoid contact with skin and eyes. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28- After contact with skin, wash immediately with plenty of soap and water. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
EC Classification	T - Toxic. C - Corrosive. Xn - Harmful. Muta. Cat. 3
WHMIS (Classification)	Class D-2B: Material causing other toxic effects (TOXIC). Class E: Corrosive liquid.



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Section 16. Other Information

MSDS first issued	28/02/2007
MSDS data revised	27/09/2007
USES	Stain for fungal elements.
Revisions Highlighted	Packing group
Notes	Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.