



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

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|-------------------------------|---|
| 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

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| 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

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| 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

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|-----------------|--|
| 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

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|----------------|--|
| 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. |

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| 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

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

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| 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

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|-------------|---------------------------------|
| Ecotoxicity | No relevant studies identified. |
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Section 13. Disposal Considerations

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

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

Section 15. Regulatory Information

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| 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. |