

14-910-15

JUL 26 1996

MATERIAL SAFETY DATA SHEET
 OSHA " Hazard Communication Standard " (29 CFR 1910.1200)

Section 1 Manufacturer and Product

Becton Dickinson Microbiology Systems
 250 Schilling Circle
 Cockeysville, Maryland 21030

Telephone : For information (410)771-0100
 For emergency (410)584-8987

Product Name and Catalog Number

Lactophenol Cotton Blue Stain Dropper Catalog Number 4361188
 WIP 800270

Section 2 Hazardous Ingredients

Hazardous Chemical Name (Synonym)	%	Exposure Limit, Toxicity Data, CAS NUMBER
Phenol (Carbolic Acid)	16	TLV: 19 mg/m ³ ; PEL 19 mg/m ³ ; Tox. Data: Man (oral) LDLo 140 mg/kg; CAS # 108-95-2

Section 3 Physical Data

	<u>Phenol</u>	<u>Product</u>
Boiling Point:	182 C	Not Determined
Vapor Pressure (mmHg):	0.33	Not Determined
Vapor Density (Air = 1):	3.24	Not Determined
Specific Gravity (H ₂ O = 1)	1.05	Not Determined
% Volatile By Volume:	100	Not Determined
Evaporation Rate (BuAc = 1):	< 0.03	Not Determined
Product Appearance/ Odor:	Plastic dropper with deep blue solution.	
Product Solubility In Water:	Not applicable.	

Section 4 Fire and Explosion Data

	<u>Phenol</u>	<u>Product</u>
Flash Point:	79 C (CC)	Not Determined
Flammable Limits (LEL/UEL):	1.5/ 8.6	Not Determined
Extinguishing Media:	Alcohol foam, dry chemical, carbon dioxide	
Special Procedures/ Unusual Hazards:	1. Liquid contained in dropper will not burn. 2. If product becomes involved in a fire situation, extinguishing media used for surrounding material will be appropriate	

Section 5 Health Hazard Data

Component - Phenol
 Routes of Entry - Eye, Skin, Inhalation, Ingestion
 Health Hazards(Acute) :
 Inhalation - Vapor or mist may effect digestive system.
 Ingestion - Poison, may cause headache dizziness.

Section 5 Health Hazard Data (Continued)

Skin - corrosive, may be absorbed through the skin, discoloration and severe burns may occur.

Eye - Corrosive, redness and or blurred vision may result. Contact lenses should not be worn while working with this material.

Carcinogenicity - Not listed by NTP, OSHA or IARC.

Emergency First Aid Procedures :

Inhalation - Remove to fresh air and support breathing as needed. Seek medical attention.

Ingestion - Give large amounts of water to dilute. Do not induce vomiting. Seek immediate medical attention.

Skin - Flush with copious amounts of water for at least fifteen minutes. Remove any contaminated clothing. Seek medical attention.

Eyes - Immediately - flush eyes, including area under eyelids, with copious amounts of water for at least fifteen minutes. Seek immediate medical attention.

Medical Conditions Aggravated By Exposure (Chronic)- Not determined.

Section 6 Reactivity Data

	<u>Phenol</u>	<u>Lactic Acid</u>	<u>Product</u>
Stable/Unstable:	Stable	Stable	Stable
Conditions to Avoid:	Sparks, Heat	High Temperatures	Not Determined
Materials to Avoid:	Oxidizers	Nitric Acid	Not Determined
Hazardous			
Polymerization:	Will not occur	Will not occur	Will not occur

Section 7 Spill and Waste Procedures

Spill: In the event of a spill involving this product:

- Wear gloves and absorb liquid onto paper towels.
- Pick up all other contaminated material and place into a Biobag
- All contaminated material must be autoclaved prior to discarding.
- Clean the area with soap and water after the initial cleanup is completed

Waste Disposal: All contaminated material must be autoclaved prior to discarding. This product contains a hazardous material and must be disposed of according to current Federal, State and local regulations.

Section 8 Special Protection Information

Respiratory Protection: Not required under normal product usage.

Ventilation: General and/or local to meet TLV requirements. When product is used as directed exposure limits are not expected to reach the TLV.

Protective Gloves: Latex gloves recommended but not required.

Eye Protection: Safety Glasses. Contact lenses should not be worn while working with this material.

Other Protective Equipment: Eyewash stations should be readily available.

Section 9 Special Precautions/Comments

Observe established precautions against microbiological hazards throughout all procedures.

Date of Preparation _____ 7/31/92 _____

Date of Revision: _____ 1/28/93 _____

By D. J. M. O'Connell _____

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