



M A T E R I A L S A F E T Y D A T A S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

SECTION I: Product & Company Identification

Product Name: **Birex® Disinfectant Wipes**
Catalog Number: **BI240**
Distributed by: Biotrol
 13705 Shoreline Court East
 Earth City, MO 63045
 1.800.822.8550

SECTION II: Health Hazard Information

Appearance: Natural color with lemon odor.

Effects of Overexposure:

Ingestion: Mild irritation of the mouth, throat and digestive tract

Skin Contact: May cause mild irritation

Inhalation: May cause mild irritation

Eye Contact: May cause irritation

NFPA Hazard Ratings: Health (1); Flammability (0); Reactivity (0)

SECTION III: Hazardous Components

Component	CAS #	%	OSHA/PEL	ACGIH/TLV	LD ₅₀ (Dermal Rat)	LD ₅₀ (Oral Rat)
o-Phenylphenol	90-43-7	0.28%	N/A	N/A	> 5g/kg	> 2.7g/kg
o-Benzyl-P-Chlorophenol	120-32-1	0.03%	N/A	N/A	> 2.5g/kg	> 5g/kg

SECTION IV: First Aid Procedures

Ingestion: Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

SECTION V: Fire Fighting Measures

Flash Point: Not flammable

Flammable Limits in Air: N/A

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective equipment

Unusual Fire and Explosion Hazards: None

Extinguishing Media: No special requirements

SECTION VI: Accidental Release Measures

In case of spill: Absorb on clay, sawdust, or other absorbent. Thoroughly rinse area with water. Spilled material may be slippery.

SECTION VII: Handling and Storage

Store closed container in a cool, dry, well-ventilated place away from incompatible materials. Do not store below 45°F (7°C) or above 80°F (27°C). Keep out of reach of children.

SECTION VIII: Personal Protection

Respiratory Protection: Not normally required. A mask or respirator may be used if vapor concentration is high.

Ventilation: Local exhaust or normal facility ventilation

Protective Gloves: Recommended

Eye Protection: Safety goggles/face shield

Protective Clothing: Where contact may occur, wear protective clothing.

Other Protective Equipment: An eyewash station should be nearby and ready for use

SECTION IX: Physical and Chemical Properties

Appearance: Natural color

Odor: Lemon

Solubility in Water by Weight: 100%

Boiling Point: 212°F (100°C)

Freezing Point: Below 32°F (0°C)

Vapor Density: >1

Evaporation Rate (BuAc = 1): <1

Specific Gravity (H₂O = 1): 0.99 @ 68°F (20°C)

pH: 9.0 – 10.0 @ 68°F (20°C)

SECTION X: Stability and Reactivity

Stability: Stable at normal conditions

Conditions to Avoid: Direct sunlight and cold below 45°F (7°C)

Incompatibility (Materials to Avoid): Acids, oxidizing and reducing materials

Hazardous Combustion or Decomposition Products: CO, CO₂ and other potentially hazardous fumes

Hazardous Polymerization: Will not occur

SECTION XI: Toxicological Information

This product contains o-phenylphenol, a chemical known to the state of California to cause cancer.

SECTION XII: Ecological Information

N/A

SECTION XIII: Disposal Considerations

Dispose according to all local, state, and federal regulations.

SECTION XIV: Transport Information

Proper Shipping Name: None

D.O.T.: Unregulated Commodity

SECTION XV: Regulatory Information

IARC: Does not list o-phenylphenol as a carcinogen

NTP: Does not list o-phenylphenol as a carcinogen

OSHA: Does not list o-phenylphenol as a carcinogen

California: Prop 65 Warning – This product contains o-phenylphenol, a chemical known to the state of California to cause cancer.

Federal EPA: 46851-10

SARA Section 311/312/313, OPP, OBCP

SARA Section 311/312, IPA

SECTION XVI: Other Information

N/A

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Biotrol makes no recommendation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for particular purpose.

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