SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	WHMIS Classification
Tritrichomonas foetus (TF); Product numbers 12-011-001, 12-011-002, 12-012-001, 12-012-002 and 12-021-003.	D2, Subdivision B

Product Use and Description

TF products are designed for veterinary *in-vitro* diagnostic use to identify *T. foetus*. It is not intended for human or therapeutic use. The media formulation is a nutrient mixture of amino acids, vitamins, organic supplements, antibiotics and inorganic salts.

Manufacturer's Name		Supplier's Name	
Biomed Diagnostics, a DCN Dx brand		N/A	
Street Address		**Street Address**	
3193 Lionshead Ave. Suite 200		N/A	
City	**State/Province**	**City**	**State/Province**
Carlsbad	CA / USA	N/A	N/A
Postal Code	**Emergency Telephone**	**Postal Code**	**Emergency Telephone**
92010	(800) 424-9300 (US and Canada) (703) 527-3887 (Outside US)	N/A	N/A

Date SDS Prepared	SDS Prepared By	Phone Number
04/2025	Andrea Beutler, QA Specialist	(541) 830-3000

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	**%**	**CAS Number**	**LD50 of Ingredient *(species and route)***	**LC50 of Ingredient *(species)***
Iron Dextran; aqueous solution	<0.1	9004-66-4	2.24 g Fe/kg; Rat, Intravenous	No data available
Polymyxin B sulfate (salt)	<0.1	1405-20-5	790 mg/kg; Rat (Oral)	No data available
Ketoconazole	< 1	65277-42-1	166 mg/kg; Rat (Oral)	No data available
Chloramphenicol	< 1	56-75-7	2,500 mg/kg; Rat (Oral)	No data available

Route of Entry ☒ Skin Contact ☐ Skin Absorption ☒ Eye Contact ☐ Inhalation ☒ Ingestion

SECTION 3 — HAZARDS IDENTIFICATION

Emergency Overview

Except for distilled water, hazardous ingredient(s) are in concentrations of less than 1%. All carcinogenic/teratogenic components are in concentrations of less than 0.1%.

Pictogram



Signal Word(s): HEALTH HAZARD, WARNING

Potential Health Effects

Contains an ingredient known to cause cancer. See Section 11: Toxicological Information for details.

SECTION 4 — FIRST AID MEASURES

Skin Contact Immediately and thoroughly wash area of exposure with soap and water.
Eye Contact Flush thoroughly with water for 15 minutes, call a physician
Inhalation N/A
Ingestion Call a physician immediately

SECTION 5 — FIRE FIGHTING MEASURES

Flammable ☐ Yes ☒ No	If yes, under which conditions? N/A	
Means of Extinction N/A		
Flashpoint (° C) and Method NA	Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Auto-ignition Temperature (°C) N/A	Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products N/A		
NFPA N/A		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Wear appropriate medical gloves (nitrile, latex, etc.). Absorb liquid material with paper towels and dispose of with normal laboratory trash.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Eyes: Eye protection (safety glasses or goggles) are recommended while using this product.
Storage Requirements Store in the dark between 15°C to 22°C. Do not allow product to be subjected to prolonged sunlight exposure.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	☐ ACGIH TLV	☐ OSHA PEL	☒ Other *(specify)*			
Other: No data available						
Specific Engineering Controls *(such as ventilation, enclosed process, etc.)* Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.						
Personal Protective Equipment (PPE)	☒ Gloves	☐ Respirator	☒ Eye	☒ Footwear	☒ Clothing (specify)	☐ Other (specify)
Gloves: Handle with medical gloves (i.e., nitrile rubber) while inoculating this product. Gloves must be inspected prior to use. Dispose of used gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.						
Respirator: N/A						
Eye: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).						

Footwear: Closed-toe shoes are recommended
Clothing: Wearing a long-sleeve lab coat is recommended while inoculating this product
Other: N/A

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odor and Appearance Clear particulate-free fluid, Light Amber	Odor Threshold (ppm) No data available
Specific Gravity No data available	Vapor Density (air = 1) No data available	Vapor Pressure (mmHg) No data available
Evaporation Rate No data available	Boiling Point (° C) 90	Freezing Point (° C) 0
pH Value 6.7 ± 0.1	Coefficient of Water/Oil Distribution No data available	Solubility in Water No data available

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability ☒ Yes ☐ No	If no, under which conditions? N/A
Incompatibility with Other Substances ☐ Yes ☒ No	If yes, which ones? N/A

Reactivity and under what conditions

Trichomonas foetus medium is stable

Hazardous Decomposition Products

Hazardous polymerization of liquid media will not occur.

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

No data available

Effects of chronic exposure

Persons known to be allergic to antibiotics must avoid exposure. May cause allergic skin reaction on susceptible individuals. This product contains a chemical known to cause cancer, birth defects or other reproductive harm.

NOTE: There is no evidence that the ingredients could be released from the mixture in concentrations that could present a health hazard.

Irritancy of Product

Skin sensitization No data available	Respiratory sensitization No data available
Carcinogenicity-IARC No data available	Carcinogenicity – ACGIH No data available
Reproductive toxicity No data available	Teratogenicity No data available
Embryotoxicity No data available	Mutagenicity No data available

Name of synergistic products/effects

No data available

SECTION 12 — ECOLOGICAL INFORMATION

Aquatic / Environmental Toxicity

No data available

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of with normal lab trash. Obey all Federal, State and local regulations.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

N/A

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TDG No data available	DOT No data available
MO No data available	CAO No data available

SECTION 15 — REGULATORY INFORMATION

WHMIS Classification D2, Subdivision B	OSHA No data available
SERA No data available	TSCA No data available

For Veterinary use only. This product conforms to the Regulatory requirements as depicted in 21CF20 and 29CFR1910.1200

SECTION 16 — OTHER INFORMATION

The information, data and recommendations contained herein are believed to be accurate. Biomed Diagnostics, Inc. makes no warranty of any kind whatsoever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this SDS periodically as new information becomes available.