

# SAFETY DATA SHEET

NAME OF PRODUCT Lyophilized Culture Discs

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

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### Product/Catalog Number(s):

<b>71-1535L</b>	<b>TA1535</b>	10 discs/vial
<b>71-1535.5L</b>	<i>S. typhimurium (hisG, uvrB, rfa)</i>	5 discs/vial
<b>71-1535.2L</b>		2 discs/vial
<b>71-1537L</b>	<b>TA1537</b>	10 discs/vial
<b>71-1537.5L</b>	<i>S. typhimurium (hisC, uvrB, rfa)</i>	5 discs/vial
<b>71-1537.2L</b>		2 discs/vial
<b>71-1538L</b>	<b>TA1538</b>	10 discs/vial
<b>71-1538.2L</b>	<i>S. typhimurium (hisD, uvrB, rfa)</i>	2 discs/vial
<b>71-097L</b>	<b>TA97a</b>	10 discs/vial
<b>71-097.5L</b>	<i>S. typhimurium (hisD, uvrB, rfa, pKM101)</i>	5 discs/vial
<b>71-098L</b>	<b>TA98</b>	10 discs/vial
<b>71-098.5L</b>	<i>S. typhimurium (hisD, uvrB, rfa, pKM101)</i>	5 discs/vial
<b>71-098.2L</b>		2 discs/vial
<b>71-100L</b>	<b>TA100</b>	10 discs/vial
<b>71-100.5L</b>	<i>S. typhimurium (hisG, uvrB, rfa, pKM101)</i>	5 discs/vial
<b>71-100.2L</b>		2 discs/vial
<b>71-102L</b>	<b>TA102</b>	10 discs/vial
<b>71-102.5L</b>	<i>S. typhimurium (hisG, rfa, pKM101, pAQ1)</i>	5 discs/vial
<b>72-002L</b>	<b>EC WP2 pKM101</b>	10 discs/vial
<b>72-002.2L</b>	<i>E. coli WP2 (trpE, pK M101)</i>	5 discs/vial
<b>72-003L</b>	<b>EC WP2 uvrA pKM101</b>	10 discs/vial
<b>72-003.2L</b>	<i>E. coli WP2 (trpE, uvrA, pK M101)</i>	2 discs/vial
<b>72-187L</b>	<b>EC WP2</b>	10 discs/vial
<b>72-187.5L</b>	<i>E. coli WP2 (trpE)</i>	5 discs/vial
<b>72-188L</b>		10 discs/vial
<b>72-188.5L</b>	<b>EC WP2 uvrA</b>	5 discs/vial
<b>72-188.2L</b>	<i>E. coli WP2 (trpE, uvrA)</i>	2 discs/vial

**Product name:** Lyophilized culture discs (TA1535, TA1537, TA1538, TA97A, TA98, TA100, TA102, EC187, EC188, EC002, EC003)

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**Manufacturer:** Molecular Toxicology Inc.  
**Address:** 157 Industrial Park Drive, Boone, North Carolina, 28607  
**Phone:** (1) 828-264-9099 (8:30 – 17:00 EST)  
**Fax:** 828-264-0103  
**Emergency contact (Chemtrec):** Contact 1-800-424-9300 (USA) or 703-527-3887 (International) at other times  
Email: [chemtrec@chemtrec.com](mailto:chemtrec@chemtrec.com); <http://www.chemtrec.com/>  
**Recommended use:** Laboratory, For Research Only  
**Restrictions on use:** Not for clinical use

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## SECTION 2. HAZARDS IDENTIFICATION

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**Microorganism preparations:**  
**No known OSHA hazards**

**GHS Classification:** None  
**Signal Word:** None  
**Pictogram:** None

This biological material is classified as either Risk Group 1 or Risk Group 2 by the World Health Organization (WHO). These microorganisms may cause human infection, may pose a hazard to laboratory personnel, but are unlikely to spread in the community. Exposure to these microorganisms in the laboratory rarely causes infection. Effective prevention and treatment is typically available.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Each lyophilized, cylinder-shaped pellet contains a pure or mixed microorganism population, skim milk, gelatin, a carbohydrate, ascorbic acid and may contain charcoal.

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## SECTION 4. FIRST AID MEASURES

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**Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists: Get medical advice/attention.

**Skin:** Non-irritant. If skin contact occurs, wash with an appropriate biocidal solution.

**Inhalation:** Avoid the production of aerosols. If inhalation occurs, move to an area of fresh air and seek advice.

**Ingestion:** Avoid hand to mouth contact. If ingested, seek medical advice.

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## SECTION 5. FIREFIGHTING MEASURES

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N/A

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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### In case of accidental spillage:

Use personal protective equipment.

Discharge into the environment should be avoided.

If in liquid culture, apply absorbent material, sweep up and shovel. Wash area with diluted bleach. Keep in suitable, closed container for disposal.

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## SECTION 7. HANDLING AND STORAGE

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The lyophilized biological material preparation must be stored at 2°C-8°C in the original sealed container. The lyophilized preparations contain viable microorganisms that may, under certain circumstances, produce disease, or may contain inactivated biological material.

Proper techniques must be employed to avoid exposure and contact with microorganism growth, and rehydrated pellet suspensions. The microbiology laboratory must be equipped, and have the facilities to receive, process, maintain, store and dispose of biohazard material. The microbiology laboratory personnel using these devices must be trained, experienced, and demonstrate proficiency in processing, maintaining, storing and disposing of biohazard material.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Good laboratory practices must be observed and followed at all times. The use of a biological safety cabinet, the prevention of aerosols and the use of gloves, moisture impervious aprons, and other protection clothing must be dictated by the standard operational procedures of each individual laboratory.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Inert, odorless, dry material.

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## SECTION 10. STABILITY AND REACTIVITY

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When stored as directed, the lyophilized biological material preparations are stable until the expiration date stated on the lot specific Quality Control & Formulation Statement and product label. The length of storage does not affect the risk of infection.

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## SECTION 11. TOXICOLOGICAL INFORMATION

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N/A

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## SECTION 12. ECOLOGICAL INFORMATION

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N/A

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## SECTION 13. DISPOSAL CONSIDERATIONS

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The lyophilized materials, rehydrated pellet suspensions, and subsequent growth of these microorganisms on culture media, are considered to be biohazard material. Agencies and statutes regulate the disposal of all biohazard materials. Each laboratory must be aware of, comply with, the proper disposal of biohazard materials.

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## SECTION 14. TRANSPORT INFORMATION

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Not a hazardous material for transportation

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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## SECTION 15. REGULATORY INFORMATION

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N/A

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## SECTION 16. OTHER INFORMATION

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Molecular Toxicology, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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*U.S. Department of Labor  
Occupation Safety and Health Administration*