

SAFETY DATA SHEET

NAME OF PRODUCT 32-71001F

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product/Catalog Number(s):

32-71001F

TAMix

1.0 ml/tube

Product name: *Salmonella typhimurium* Strain TAMix Cells

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; <http://www.chemtrec.com/>

Recommended use: Laboratory, For Research Only

Restrictions on use: Not for clinical use

SECTION 2. HAZARDS IDENTIFICATION

Microorganism preparations:

No known OSHA hazards

GHS Classification: None

Signal Word: None

Pictogram: None

This biological material is classified as 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 are typically available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS:

Each vial contains a mixed microorganism population (TAMix); Oxoid Broth No. 2 ("Lab-Lemco" powder, peptone, and sodium chloride; 90%); and dimethyl sulfoxide (DMSO; 10%). TAMix is comprised of equivalent ratios of TA7001, TA7002, TA7003, TA7004, TA7005, and TA7006 *Salmonella typhimurium* bacterial strains.

SECTION 4. FIRST AID MEASURES

- 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.

SECTION 5. FIREFIGHTING MEASURES

N/A

SECTION 6. ACCIDENTAL RELEASE MEASURES

In case of accidental spillage:

Use personal protective equipment.

Discharge into the environment should be avoided.

If the product or the culture prepared from the product is spilled, apply absorbent material, sweep up and shovel. Wash area with diluted bleach. Keep in suitable, closed container for disposal.

SECTION 7. HANDLING AND STORAGE

This biological material preparation must be stored at -70°C in the original sealed container. The preparation contains 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. 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 this must be trained, experienced, and demonstrate proficiency in processing, maintaining, storing and disposing of biohazard material.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Inert, liquid material. Somewhat pungent odor.

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

N/A

SECTION 12. ECOLOGICAL INFORMATION

N/A

SECTION 13. DISPOSAL CONSIDERATIONS

The liquid material and subsequent growth of this microorganism on/in culture media is 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.

SECTION 14. TRANSPORT INFORMATION

Not a hazardous material for transportation

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

N/A

SECTION 16. OTHER INFORMATION

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*