



## SAFETY DATA SHEET

### SECTION 1 - SUBSTANCE IDENTITY AND COMPANY INFORMATION

**Product Name:** Various Microbial Cultures at Biosafety Level 1 or 2 or 3  
**ATCC Catalog #:** Various

**COMPANY INFORMATION:** AMERICAN TYPE CULTURE COLLECTION  
PO BOX 1549  
MANASSAS, VA 20108

**FOR INFORMATION CALL:** 800-638-6597 or 703-365-2700  
**AFTER-HOURS CONTACT:** 703-365-2710  
**CHEMTREC EMERGENCY:** 800-424-9300 or 703-527-3887

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Either freeze dried, frozen or growing cells shipped in liquid cell culture medium (a mixture of components that may include, but is not limited to: inorganic salts, vitamins, amino acids, carbohydrates and other nutrients dissolved in water). Frozen Cultures may also contain a 5%-10% solution of Dimethyl sulfoxide as a cryoprotectant.

### SECTION 3 - HAZARD IDENTIFICATION

**HMIS Rating:** N/A  
**NFPA Rating:** N/A

This substance is not hazardous as defined by OSHA 29CFR 1910.1200 however this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.

#### Health Hazards

ATCC recommends that all ATCC microbial cultures be handled by qualified microbiologists using appropriate safety procedures and precautions. Detailed discussions of laboratory safety procedures are provided in **Laboratory Safety: Principles and Practice** (Fleming et al) and in the U.S. Government Publication, **Biosafety in Microbiological and Biomedical Laboratories**. This publication is available in its entirety in the Center for Disease Control Office of Health and Safety's web site at <http://www.cdc.gov/biosafety/publications/bmb15/index.htm>.

Information on the classification of human etiologic agents on the basis of hazard can be found as Appendix B in the NIH **Guidelines for Research Involving Recombinant DNA Molecules** at <http://grants.nih.gov/grants/policy/recombinentdnaguidelines.htm>.

### SECTION 4 - FIRST AID MEASURES

**Report to your Safety Office and Seek Medical Attention as Soon as Possible**



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<b>Ingestion:</b>	If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with water and call a physician then administer three cups of water. Do not induce vomiting unless directed to do so by a physician.
<b>Inhalation:</b>	If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician.
<b>Dermal exposure:</b>	Immediately wash skin with water followed by washing with soap and water. Remove all contaminated clothing.
<b>Eye exposures:</b>	Flush eyes with water for at least 15 minutes with eyelids separated and call a physician.

### SECTION 5 - FIRE FIGHTING MEASURES

<b>Flammability:</b>	Data not available
<b>Suitable Extinguishing Media:</b>	Water spray, carbon dioxide, dry chemical powder, Halon (where regulations permit), or appropriate foam.
<b>Firefighting Protective Equipment:</b>	Wear self-contained breathing apparatus and protective clothing to prevent inhalation, ingestion, skin and eye contact.
<b>Specific Hazard(s):</b>	Responders should take into consideration the biohazard risk associated with responding to a fire in the area where the material may be stored or handled.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Procedure(s) of Personal Precaution(s):</b>	At a minimum use PPE listed in Section 8. Wear laboratory coat, gloves and eye protection. Avoid all contact. Methods for Cleaning Up
<b>Patient/Victim:</b>	Wash with soap and water. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Do not take clothing home.
<b>Equipment/Environment:</b>	Allow aerosols to settle; wearing protective clothing, gently cover spill with paper towel and apply 1% sodium hypochlorite, starting at perimeter and working towards the center; allow sufficient contact time before cleanup (30 min).

**Note:** The use of additional PPE may be necessary for cleaning solutions.

### SECTION 7 - HANDLING AND STORAGE

Handle and store according to instructions on product information sheet and label.  
Special Requirements:



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Follow established laboratory procedures when handling material.

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Use Personal Protective Equipment:** Including Eye Protection, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

**Engineering Controls:** The use and storage of this material requires user to maintain and make available appropriate eyewash and safety shower facilities. Use appropriate ventilation method to keep airborne concentrations as low as possible.

**Exposure Limits:** No exposure limits for this material have been established by ACGIH, NIOSH, or OSHA.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Data Not Available

### SECTION 10 - STABILITY AND REACTIVITY

Hazardous polymerization will not occur.

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### Route of Exposure

**Eye Contact:** Data not available.  
**Skin Contact:** Data not available.  
**Skin Absorption:** Data not available.  
**Inhalation:** Data not available.  
**Ingestion:** Data not available.  
**Parenteral Exposure:** Data not available.

#### Sensitization

**Skin:** Data not available  
**Respiratory:** Data not available

**Target Organ(s) or System(s):** Data not available

#### Signs and Symptoms of Exposure

**Skin and Mucous Membranes:** Data not available  
**Respiratory:** Data not available  
**Gastrointestinal:** Data not available



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<b>Toxicity Data:</b>	Data not available
<b>Effects of Long Term or Repeated Exposure:</b>	Data not available
<b>Chronic Exposure–Teratogen:</b>	Data not available
<b>Chronic Exposure–Mutagen:</b>	Data not available
<b>Chronic Exposure–Reproductive Hazard:</b>	Data not available

### SECTION 12 - ECOLOGICAL INFORMATION

No ecological information available.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Decontaminate all wastes before disposal (steam sterilization, chemical disinfection, and/or incineration).

Dispose of in accordance with applicable regulations.

### SECTION 14 - TRANSPORT INFORMATION

Contact ATCC for transport information.

### SECTION 15 - REGULATORY INFORMATION

Contact ATCC for regulatory information.

### SECTION 16 - OTHER INFORMATION

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