



## SAFETY DATA SHEET

### Section 1: Identification

6 Davis Drive, Suite 159  
Durham, NC 27709  
info@altisbiosystems.com

**Product Name:** RepliGut® Co-Culture Medium - THP-1

**Catalog Number:** MED-CMT

**Identified Uses:** For research use only

**Company:** Altis Biosystems, Inc.

6 Davis Drive  
Suite 159/PO Box 12878  
(919) 885-4823  
info@altisbiosystems.com

**In an emergency, call 911.**

**For more information about this SDS, contact Altis Biosystems, Inc.**

### Section 2: Hazard(s) Identification

**Hazard Classification:** Not a hazardous substance or mixture.

**Signal Word(s):** None

**Hazard Statements:** None

**Precautionary Statements:** P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Description of other hazards:** None

### Section 3: Composition/ Information on Ingredients

**Mixtures:** Proprietary mixture. No components of this mixture are considered to be hazardous at their given concentration.

### Section 4: First-Aid Measures

#### **Description of first aid measures:**

**After skin contact:** Immediately take off all contaminated clothing and rinse skin with water for at least 15 minutes. Consult a physician immediately if symptoms occur.

**After eye contact:** Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and consult a physician.

**After inhalation:** Move to fresh air and monitor breathing. If breathing becomes difficult, give oxygen and consult a physician immediately. If not breathing, give artificial respiration.

**After swallowing:** Rinse mouth with water and seek immediate medical attention if feeling unwell. Do not induce vomiting unless directed to do so by medical personnel.

**Notes to Physician:** Treat symptomatically.

**Most important symptoms and effects, both acute and delayed:** The most important known symptoms and effects are described in Section 2.

**Indication of any immediate medical attention and special treatment needed:** None.

### **Section 5: Fire-Fighting Measures**

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** None.

**Special hazards arising from the substance or mixture:**

Carbon oxides

Nitrogen oxides (NOx)

Sulfur oxides

Combustible

Development of hazardous combustion gases or vapors possible in the event of fire.

May decompose upon heating to produce corrosive and/or toxic fumes.

**Special protective equipment for firefighters:** Wear suitable protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

**Advice for firefighters:** Suppress (knock down) gases/vapors/mist with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

### **Section 6: Accidental Release Measures**

**Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of vapors, mist, dust, or gas. Ensure adequate ventilation.

**Measures for environmental protection:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Soak up with inert absorbent material. Hold all material for appropriate disposal as described in Section 13. Ventilate area and wash site after material is picked up.

### **Section 7: Handling and Storage**

**Precautions for safe handling:** Avoid inhalation, ingestion, and contact with eyes, skin, and clothing.

**Storage:** Keep tightly closed. Store at 2-8°C away from direct sunlight until use.



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### Section 8: Exposure Controls/Personal Protection

**Control parameters:** Contains no substances with occupational exposure limit values.  
**Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.  
**Eye protection:** Wear appropriate eye protection.  
**Hand and skin protection:** Wear clothing and gloves that cannot be penetrated by chemicals.  
**Respiratory protection:** In case of insufficient ventilation, wear respirators.

### Section 9: Physical and Chemical Properties

**Appearance:** Pink liquid  
**Odor:** None  
**Odor threshold:** No data available  
**pH:** 6-8  
**Melting/Freezing point:** No data available  
**Boiling point/range:** No data available  
**Flash point:** No data available  
**Evaporation rate:** No data available  
**Flammability:** No data available  
**Upper/lower flammability or explosive limits:** No data available  
**Autoignition temperature:** No data available  
**Partition coefficient: n-octanol/water:** No data available  
**Decomposition temperature:** No data available  
**Vapor pressure:** No data available  
**Vapor density:** No data available  
**Relative density:** No data available  
**Water solubility:** Not available  
**Viscosity:** No data available

### Section 10: Stability and Reactivity

**Reactivity:** No data available  
**Chemical stability:** Stable under recommended storage conditions.  
**Possibility of hazardous reactions:** No data available  
**Conditions to avoid:** Excess heat, moisture  
**Incompatible materials:** Strong oxidizing/reducing agents, strong acids/alkalis  
**Hazardous decomposition products:** In the event of fire, see Section 5.

### Section 11: Toxicological Information

**Potential routes of exposure/potential health effects**  
**Acute toxicity:** No data available  
**Skin Contact:** No data available  
**Eye Contact:** No data available  
**Inhalation:** No data available



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**Ingestion:** No data available

**Carcinogenic effects:** None

**Mutagenic effects:** No data available

**Reproductive toxicity:** No data available

**Sensitization:** No data available

**Target organs:** No data available

**Additional Information:** The toxicological properties have not been thoroughly investigated.

### Section 12: Ecological Information

**Ecotoxicity:** No data available

**Mobility in soil:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Other adverse effects:** No data available

### Section 13: Disposal Considerations

**Disposal method:** Observe all federal, state, and local environmental regulations.

### Section 14: Transport Information

**DOT Hazard Class:** Non-hazardous for transport.

**IATA Hazard Class:** Non-hazardous transport.

**IMDG Hazard Class:** Non-hazardous for transport.

### Section 15: Regulatory Information

#### US Federal Regulations

**SARA Section 302:** This material does not contain any chemical components that are subject to the reporting requirements established by SARA Title III, Section 302.

**SARA Section 313:** This material does not contain any chemical components that are subject to the reporting requirements established by SARA Title III, Section 313.

**SARA Section 311/312:** No SARA Hazards

#### US State Regulations

**California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**Massachusetts Right to Know Components:** None

**Pennsylvania Right to Know Components:**

Water (CAS #7732-18-5)

Sodium monohydrogen phosphate, heptahydrate (CAS #7782-85-6)

Dimethyl sulphoxide (CAS #67-68-5)

3-(6-Methylpyridin-2-yl)-1-phenylthiocarbamoyl-4-quinolin-4-ylpyrazole (CAS #909910-43-6)

**New Jersey Right to Know Components:**

Water (CAS #7732-18-5)



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### Section 16: Other Information

**Disclaimers:** The information contained in this SDS was obtained after a meticulous search and the recommendations are based on our present knowledge. This SDS was completed in good faith and while we believe the information is correct, we cannot guarantee accuracy and completeness. The user is responsible for following all federal, state, and local regulations. Altis Biosystems, Inc. is not liable for any damage resulting from handling or from contact with this product.

**Date of preparation/last revision:** 16MAY2025