

SAFETY DATA SHEET

Section 1: Identification

Product Name: RepliGut® Planar Kit Cell Dissociation Solution

Catalog Number: IN-CDS

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: 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:

Hazardous decomposition products formed under fire conditions- Carbon oxides, nitrogen oxides (NO_x), and sulfur oxides.

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 and contact with eyes, skin, and clothing.

Storage: Keep tightly closed. Store at 2-8°C until use.

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: 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: No data available
Incompatible materials: strong acids/bases
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
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 for 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)

New Jersey Right to Know Components:

Water (CAS #7732-18-5)

Section 16: Other Information



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

Disclaimer: 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.

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