

SAFETY DATA SHEET

1. IDENTIFICATION

Manufacturer Name

Transnetyx Tissue
510 E Apple Orchard Rd
Suite 100
Springfield, IL 62703

Product Identifier

Product Code: Transfection Medium
Product Name: TM

24 Hour Emergency Response: 1-877-201-3057
1-217-789-9313
Outside of the United States: +1-217-789-9313

For research only. Not intended for human or animal diagnostics, therapeutic, or other clinical uses.

2. Hazard(s) Identification

GHS – Classification

Signal Word

Not Hazardous

Health Hazard

Not Hazardous

Physical Hazard

Not Hazardous

Principle Routes of Exposure / Potential Health Effects

Eyes	May cause eye irritation with susceptible persons
Skin	May cause skin irritation in susceptible persons
Inhalation	May be harmful by inhalation

Ingestion May be harmful if swallowed

Specific Effects

Carcinogenic Effects	None
Mutagenic Effects	None
Reproductive Toxicity	None
Sensitization	None

Target Organ Effects No known effects under normal use conditions

HMIS

Health: 0

Flammability: 0

Reactivity: 0

3. Composition/Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

4. First-aid Measures

Skin Contact	Rinse with plenty of water. If symptoms arise, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.
Inhalation	Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
Notes to physician	Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Special protective equipment for fire-fighters	Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment
Methods for cleaning up	Soak up with inert absorbent material

Environmental precautions

Prevent further leakage or spillage if safe to do so.
See section 12 for additional information

7. Handling and Storage

Handling	Always wear recommended Personal Protective Equipment. No special handling advice required.
Storage	Keep in properly labeled containers in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection

<u>Exposure Limits</u>	We are not aware of any national exposure limit
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<u>Engineering Measures</u>	Ensure adequate ventilation, especially in confined areas.
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Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Impervious gloves
Eye protection	Safety glasses with side-shields
Skin and body protection	Lightweight protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice

<u>Environmental Exposure Controls</u>	Prevent product from entering drains
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9. Physical and Chemical Properties

General Information

Form	liquid	
Appearance	No information available	
Odor	No information available	
Boiling Point/Range	°C No data available	°F No data available
Melting Point/Range	°C No data available	°F No data available
Flash Point	°C No data available	°F No data available
Autoignition temperature	°C No data available	°F No data available
Oxidizing properties	No information available	
Water solubility	soluble	

10. Stability and Reactivity

Stability	Stable under normal conditions
Materials to avoid	No dangerous reaction known under conditions of normal use
Hazardous decomposition products	None under normal use
Polymerization	Hazardous polymerization does not occur

11. Toxicological Information

Acute Toxicity

Not Hazardous

Principle Routes of Exposure/Potential Health Effects

Eyes	May cause eye irritation with susceptible persons
Skin	May cause skin irritation in susceptible persons
Inhalation	May be harmful by inhalation
Ingestion	May be harmful if swallowed
Carcinogenic Effects	none
Mutagenic Effects	none
Reproductive Toxicity	none

Sensitization none

Target Organ Effects No known effects under normal use conditions.

12. Ecological Information

Ecotoxicity Effects	No information available
Mobility	No information available
Biodegradation	Inherently biodegradable
Bioaccumulation	Does not bioaccumulate

13. Disposal Considerations

Dispose of in accordance with local regulations

14. Transport Information

IATA

Proper Shipping Name	Not classified as dangerous in the meaning of transport regulations
Hazard Class	None
Subsidiary Class	None
Packing Group	None
UN-No	None

15. Regulatory Information

U.S. Federal Regulations

SARA 313

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs

U.S. State Regulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS Hazard Class

Non-controlled

The product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR

16. Other Information

Reason for Revision

(M)SDS sections updated

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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End of Safety Data Sheet