90124, 90118

SAFETY DATA SHEET

Issuing Date: 30-Apr-2019 **Version** 2

Embryo Thaw Media, Embryo Thaw Media-T1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Embryo Thaw Media, Embryo Thaw Media-T1
Product code	90124, 90118
Recommended use	Laboratory chemicals.

Manufactured by
FUJIFILM Irvine Scientific, Inc.
2511 Daimler Street
Santa Ana, CA 92705
U.S.A.

SDSs are available at the following website(s):	http://www.irvinesci.com
Company Phone Number	Technical: 800-437-5706 Fax: 949-261-6522
Emergency Telephone	Transport-CHEMTREC Inside NA: 800-424-9300 Transport-CHEMTREC Outside NA: 703-527-3887 Transport-CANUTEC Inside Canada: 613-996-6666 Medical Emergency (24 hour): 877-935-7387
E-mail	tmrequest@irvinesci.com

2. HAZARDS IDENTIFICATION

Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

GHS Label elements, including precautionary statements

Not classified

Precautionary Statements

Prevention
Not applicable

Response
Not applicable

Storage
Not applicable

Disposal
Not applicable

Hazards not otherwise classified (HNOC)
Not classified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Disaccharide	Proprietary	5-10%

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice Immediate medical attention is not required.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact Wash off immediately with plenty of water. Get medical attention if irritation develops and persists.

Inhalation Move to fresh air. If symptoms persist, call a doctor.

Ingestion If swallowed, do not induce vomiting - seek medical advice.

Most important symptoms/effects, acute and delayed

None known.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO_2, water spray or alcohol-resistant foam.

Unsuitable Extinguishing Media

None known.

Specific hazards arising from the chemical

None known.

Hazardous Combustion Products
Carbon oxides. Sodium oxides. Hydrogen chloride.

Explosion Data

Sensitivity to Mechanical Impact none

Sensitivity to Static Discharge none

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with the skin and the eyes.

Environmental precautions

Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures between 2 and 8 °C (35 and 46 °F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - Workplace Environmental Exposure Levels (WEELs) - TWAs
Disaccharide	TWA: 10 mg/m³	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust	

		(vacated) TWA: 5 mg/m³ respirable fraction		

Exposure controls

Engineering Measures Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur, wear safety glasses with side-shields.

Skin and body protection Wear protective gloves/clothing.

Respiratory protection None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

General Hygiene Considerations When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear	**Odour**	Characteristic
Odour Threshold	Not available	**Physical state @20°C**	Liquid
pH	7.3 - 7.5		
Specific Gravity	Not available	**Molecular Weight**	Not available
Flash point	Not available	**Autoignition temperature**	Not available
Decomposition temperature	Not available	**Boiling point / boiling range**	Not available
Melting point / melting range	Not available	**Freezing Point**	Not available
Flammability Limit in Air	Not available		
Oxidising Properties	Not available	**Explosive Properties**	Not available
Solubility	Not available	**Partition coefficient**	Not available
Evaporation rate	Not available	**Vapour Pressure**	Not available
Vapour density	Not available	**Density**	Not available
VOC (lb/gal)	Not available	**VOC (g/l)**	Not available
Dynamic viscosity	Not available		

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Freezing. Protect from light.

Incompatible Materials

Strong oxidising agents. Strong acids. Strong bases.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Acute toxicity

Inhalation	Non-irritating during normal use.
Eyes	Non-irritating during normal use.
Skin	Non-irritating during normal use.
Ingestion	Ingestion may cause stomach discomfort.

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 (lethal concentration)
Disaccharide	= 29700 mg/kg (Rat)		

Information on toxicological effects

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	Non-irritating during normal use.
Corrosivity	No information available.
Sensitisation	No information available.
Mutagenic Effects	No information available.
Reproductive Toxicity	No information available.
Carcinogenicity	None known.

STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target Organ Effects	None known.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

ATEmix (oral)	>5000 mg/kg

ATE: Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with local regulations.

Contaminated packaging

Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated.
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG	Not regulated
ADR/RID	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	No
DSL/NDSL	No
PICCS	No
EINECS/ELINCS	No
ENCS	No
IECSC	No

KECL	No
AICS	No

***Yes - All component(s) of this product are included or are exempt from listing on the inventory.**

***No - Indicates the component(s) of this product are either not listed or have not been determined to be listed on the inventory.**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Federal Regulations

TSCA Sections 4, 5 and 12(b)
This product does not contain any chemicals regulated by TSCA Sections 4, 5 or 12(b).

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
Classification is shown in section 2 of this SDS

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

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Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Disaccharide	X		X		

International Regulations

Canada - NDSL

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Chemical Name	NDSL
Sodium salt compound	X

Mexico - Grade
No information available

Mexico - Carcinogen Status and Exposure Limits

Chemical Name	Carcinogen Status	Exposure Limits
Disaccharide		Mexico: TWA 10 mg/m³ Mexico: STEL 20 mg/m³

Other Regulations
No information available

16. OTHER INFORMATION

NFPA	**Health hazard** 1	**Flammability** 1	**Instability** 0	**Physical and chemical hazards** -
HMIS	**Health hazard** 1	**Flammability** 1	**Physical Hazard** 0	**Personal protection** B

Prepared By FUJIFILM Environment, Health and Safety, phone: 800-473-3854

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Revision Note No information available

Disclaimer **The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

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