



Material Safety Data Sheet

Yssel's T-Cell Medium Catalog #400-102

Section I: Product Identification

Product Name:

Yssel's T-Cell Medium

Catalog Number:

400-102

Section II: Composition/Ingredients

L-Alanine	Vitamin B-12
L-Arginine HCl	Pyridoxine HCl
L-Asparagine H ₂ O	Choline chloride
L-Aspartic acid	Pantothenic acid
L-Cystine 2HCl	Sodium chloride
L-Glutamic acid	Potassium chloride
Glycine	Potassium nitrate
L-Histidine HCl H ₂ O	Phenol red Na
L-Isoleucine	Calcium chloride 2H ₂ O
L-Leucine	Magnesium sulfate anhydrous
L-Lysine HCl	Sodium phosphate, dibasic anhydrous
L-Methionine	Sodium bicarbonate
L-Phenylalanine	Sodium selenite
L-Proline	HEPES buffer (free acid)
L-Serine	Bovine Albumin Fraction V powder
L-Threonine	Glucose
L-Tryptophan	Sodium pyruvate
L-Tyrosine 2Na 2H ₂ O	Penicillin G potassium
L-Valine	Streptomycin sulfate
L-Glutamine	Ethanolamine
Folic acid	Insulin, zinc (porcine)
Inositol	Transferrin, human holo
Nicotinic acid amide	Ethanol
Riboflavin	Linoleic acid
Thiamine HCl	Palmitic acid
d-Biotin	Oleic acid Neat oil

Water

Section III: Health Hazard Data

Hazardous Components:

Biohazard. Contains human source material. Handle as though capable of transmitting infectious agents.

Toxicity:

Not Established. May be harmful if swallowed. Do not ingest. May cause irritation.

Avoid skin contact.

Target Organs/Systems:

Not established

Effects of Overexposure:

Not Established

First Aid Procedures:

If product gets into eyes, open eyelids with fingers and flush eyes with copious amounts of water for at least 15 minutes. If product gets on skin, wash the skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing. If swallowed and person is conscious, rinse mouth with water, consult a health care provider. If product is inhaled, remove to fresh air. If there is any difficulty in breathing, seek medical attention. If there is any irritation, consult a health care provider.

Section IV: Physical Data

Appearance:

Red-orange transparent liquid

Density:

N/A

Boiling Point:

N/A

Specific Gravity:

N/A

Vapor Density:

N/A

Vapor Pressure:

N/A

Evaporation rate:

N/A

H₂O Solubility:

N/A

Section V: Reactivity Data

Stability:

Stable

Conditions or Materials to Avoid:

Strong oxidizing agents

Hazardous Polymerization:

To our knowledge will not occur.

Section VI: Fire & Explosion Hazard Data

Flammability:

Nonflammable

Flash Point:

N/A

Flammable Limits:

N/A

Extinguishing Media:

Use appropriate media for the surrounding fire. Carbon dioxide, dry chemical powder, appropriate foam or water spray.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, carbon dioxide.

Special Fire Fighting Procedures:

Self-contained breathing apparatus and protective clothing may be required.

Section VII: Spill or Leak Procedures

In the event of a spill or leak:

Wear suitable protective clothing including a self contained respirator, rubber boots, chemical resistant/rubber/latex gloves. Use absorbent material such as vermiculite or sand to absorb spill. Put into a closed container for waste disposal. Clean spill area thoroughly with a 10% bleach solution. Ventilate area after clean up. Contact a licensed professional waste disposal service to dispose of this material.

Disposal:

Abide by all local, state and federal regulations regarding infectious waste disposal.

Section VIII: Handling & Storage Precautions

Handling:

Avoid inhalation, contact with clothing, skin and eyes. Avoid repeated or prolonged exposure. Handle as though capable of transmitting infectious agents.

Eye/Skin Protection:

Wear suitable protective clothing, safety glasses with side shields and chemical resistant latex/rubber gloves are recommended.

Storage:

Store frozen at -20 to -10 °C.

Section IX: Special Precautions & Comments

Intended Use for Product:

For laboratory R&D use only. Not for human use.

Section X: Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Gemini Bio-Products shall not be held liable for any damage resulting from handling or from contact with the above product.