

Material Safety Data Sheet

Product Name: TVC Medium (Total Viable Count Medium) For the BioSys System
BioSys Catalog No.: NB-100 (Part No. 510-001)
Last revision & approval 02/01/01

Material Safety Data Sheet

BioSys, Inc.
 3810 Varsity Drive
 Ann Arbor, MI 48108

Emergency Contact

Contact your Local Poison Control Center

For Information call:
 1-866-3-Biosys

SECTION 1: IDENTIFICATION

PRODUCT NAME: TVC Medium (Total Viable Count Medium)
CATALOG NO.: NB-100 (Part No. 510-001)
PRODUCT DESCRIPTION: Non-hazardous growth medium mixture containing animal source material. The product contains no hazardous constituents, or the concentration of all chemical components is below regulatory threshold or European Directive 91/155/EEC, 88/379/EEC, and 67/546/EEC. Standard laboratory practices should be followed when handling these reagents.

SECTION 2: COMPONENTS

CAS#	COMPONENT	PERCENTAGE	EXPOSURE LIMITS
Mixture	Non-Hazardous Growth Medium	99%	None Established
Agar plug	Non-Hazardous Agar	1%	None established

PEL means OSHA Permissible Exposure Limit. TLV means ACGIH Threshold Limit Value.

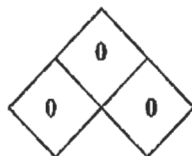
SECTION 3: HAZARDS IDENTIFICATION

USA PRECAUTIONARY LABELING CAUTION

May cause minor irritation to the eyes and skin. Avoid contact with the eyes and skin.

INTERNATIONAL LABELING

May cause minor irritation, avoid contact with the eyes and skin.



Health = 0
 Fire = 0
 Reactivity = 0

N/D = Not Determined
 N/A = Not Applicable

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HEALTH HAZARDS

SKIN CONTACT: Contact may cause mild irritation.

EYE CONTACT: Contact may cause mild irritation.

INGESTION: No toxic effects would be expected.

CHRONIC HEALTH

EFFECTS: None currently known.

CARCINOGEN STATUS: None of the components of this product is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None currently known.

SECTION 4: FIRST AID

Skin Contact: Wash thoroughly with soap and water. Get medical attention if irritation develops.

Eye Contact: Immediately flush the eyes with large amounts of water while holding the eyelids open to assure that the entire surface is flushed. Get prompt medical attention.

Ingestion: Never give anything by mouth to an unconscious or convulsing person. If conscious, rinse mouth with water and get prompt medical attention.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): None

Autoignition Temp: None

Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: Water base, water spray or foam.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: None known

Hazardous Combustion Products: Oxides of carbon and nitrogen.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment (gloves and safety glasses). Carefully sweep up spill; disinfect spill area with 10% bleach solution, and wipe up with absorbent and dispose as biohazardous waste.

SECTION 7: HANDLING AND STORAGE

Follow the directions on the package insert. Follow prudent laboratory practices of avoiding contact (breathing, ingestion, touching, smoking . . .) with a laboratory reagent. Avoid contact with the skin and eyes. Do not ingest.

Storage:

Requirements to be met by storerooms and receptacles: < 30C

Information about storage in one common storage facility:

Store away from oxidizing agents.

Do not freeze.

Follow storage instructions on the product label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: General room ventilation will be sufficient.

Respirator: If exposures exceed the occupational exposure limits wear an approved dust/mist respirator or supplied air respirator.

Gloves: Impervious gloves such as rubber.

Eye Protection: Follow laboratory policy.

Other Protective Equipment/Clothing: Protective work clothing (Lab coat).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Purple liquid.

pH: 6.7 ± 0.2 at 25C

Specific Gravity (H₂O=1): N/D

Boiling Point (F): N/D

Vapor Pressure: NA

Solubility: Complete

Evaporation Rate: N/A

Percent Volatile: 0%

Coefficient of Oil/Water: N/D

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

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Conditions to Avoid: None.

Incompatibility: Strong oxidizers.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicity data is available.

SECTION 12: ECOLOGICAL INFORMATION

The ecological effects of this material have not been determined.

SECTION 13: DISPOSAL

Waste Disposal Method: Dispose of product in accordance with all local, state/provincial and federal regulations. Used vials must be handled as potentially infectious and autoclaved or incinerated prior to disposal.

SECTION 14: TRANSPORTATION DATA

USA DOT HAZARD CLASSIFICATION

Proper Shipping Name: Not regulated

Technical Name:

UN Number: N/A

Hazard Class/Packing Group: N/A

Labels Required: N/A

DOT Packaging Requirements: N/A

Labels Required: N/A

DOT Packaging Requirements: N/A

Exceptions: N/A

IATA/ICAO AIR TRANSPORTATION

Proper Shipping Name: Not regulated

Technical Name:

UN Number: N/A

Hazard Class/Packing Group: N/A

Labels Required: N/A

IATA Packaging Requirements: N/A

SECTION 15: REGULATORY INFORMATION

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SARA 311/312: Hazard Categories for SARA Section 311/312 Reporting: None

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372):

None

CERCLA Section 103 Reportable Quantity: N/A

California Proposition 65:

This product contains the following substances known to the State of California to cause Cancer and/or Reproductive Harm (Birth Defects): None Known

Canadian WHMIS Classification: N/A

SECTION 16: OTHER INFORMATION

NFPA Hazard Rating: Health: 0 Fire: 0 Reactivity: 0

This product contains source materials of animal origin. No materials of human origin are used in the composition or preparation of this product. Observe routine biosafety procedures in handling kit components and consider all materials as potentially infectious.

CREATION DATE 10-11-99

REVISION DATE: 10-11-99

Revision Summary: Revise disposal (Section 13) and Section 16.

The above information is believed to be correct as of the date of this sheet but does not purport to be all-inclusive and shall be used only as a guide. Since the use of this information and the conditions of use of the product are not within the control of BioSys, Inc., it is the users obligation to assure safe use of this product.

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