MedSchenker Smart Transport Medium

Version 1.0
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SAFETY DATA SHEET

Section 1: Identification

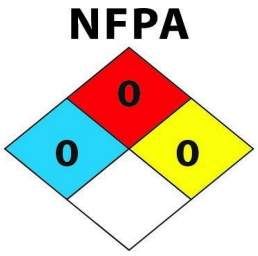
Product Name: MedSchenker STM (Smart Transport Medium)
Distributed By: Avantik,19 Chapin Road - Building C, Pine Brook, NJ 07058

In an emergency call 911.
For information about this SDS, use this department contact phone#: +1 800 783 9424 or email to info@avantik-us.com

Section 2: Hazard(s) Identification

See https://www.sigmaaldrich.com/safety-center/globally-harmonized.html for a list of hazard classifications, signal words, hazard statements, pictograms, precautionary statements, and a description of hazards.

Hazard Classification: This product is not classified under a globally harmonized system (GHS).



HMIS	
Health Hazard	0
Fire Hazard	0
Reactivity	0

* NFPA: Health = 0, Flammability = 0, Reactivity = 0
* HMIS: Health = 0, Flammability = 0, Reactivity = 0

Hazard Statements: VN has a triple 0 rating for their solution in their UTM others give simple examples such as

a. Skin Contact: *Irritant*
b. Eye Contact : *irritant*

Pictograms:

Section 3: Composition/ Information on Ingredients

1. Chemical characterization: Mixture
2. Description: Mixture consisting of the following components.

Chemical Name	Synonym	CAS#	Conc.
Water (reverse osmosis)			
Sucrose			
L-glutamic			
Phenol Red			
Vancomycin			
Amphotericin B			
Bovine Serum Albumin			
Colistin			
Gelatin			
Hank's Balanced Salt Solution			
HEPES			

Section 4: First-Aid Measures

After skin contact: Immediately wash with water and soap, rinse thoroughly
After eye contact: Flush open eye with plenty of water for 15 minutes.
After inhalation: Consult doctor
After swallowing: Consult doctor

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: CO2, dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam
Special protective equipment for firefighters: No special measures required

Section 6: Accidental Release Measures

Personal precautions: Ensure adequate ventilation
Measures for environmental protection: Do not allow water to enter sewers or groundwater.
Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Section 7: Handling and Storage

Handling: No special measures required
Storage: Store at 2- 25 Celcius.

Section 8: Exposure Controls/Personal Protection

Breathing equipment: N/A
Protection of hands: Disposable Rubber Gloves
Eye protection: Safety Glasses

Section 9: Physical and Chemical Properties

Form: Liquid
Odor: Characteristic
pH: 7.3 +/- 0.2
Melting point/melting range: Not determined
Boiling point/boiling range: Not determined
Flash point: N/A
Evaporation rate: N/A
Auto ignition temperature: Not self igniting
Danger of explosion: No explosion hazard present
Solubility in/Miscibility with water: Soluble

Section 10: Stability and Reactivity

Reactivity: No further relevant information available.
Chemical stability: Thermal decomposition / conditions to be avoided:
Conditions to avoid: No further relevant information available.
Incompatible materials: strong oxidizers.
Hazardous decomposition products: No dangerous decomposition products known

Section 11: Toxicological Information

Acute toxicity:
Potential routes of exposure/potential health effects
The product shows the following dangers according to internally approved calculation methods for preparations:The product is not subject to OSHA classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Skin: No irritating effect.
Eye: No irritating effect.
Sensitization: No sensitizing effects known.

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: No further relevant information available.
Mobility: No further relevant information available.
Biodegradation: No further relevant information available.
Bioaccumulation: No further relevant information available.

Section 13: Disposal Considerations (non-mandatory)

1. This product is not considered a RCRA hazardous waste. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.Smaller quantities can be disposed of with solid waste
2. Uncleaned packagings:
    a. Recommendation: Disposal must be made according to state and federal regulations.
    b. Recommended cleansing agent: Water, if necessary with cleansing agents

Section 14: Transport Information (non-mandatory)

DOT regulations:
- **Hazard class:**
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:**
- **Maritime transport IMDG:**

Air transport ICAO-TI and IATA-DGR:

- **ICAO/IATA Class:**

Section 15: Regulatory Information (non-mandatory)

Safety, health and environmental regulations specific for the product in question

US Federal Regulations

SARA Section 355 (extremely hazardous substances): None of the ingredients is listed
SARA Section 313 (specific toxic chemical listings): None of the ingredients is listed
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): None of the ingredients is listed
TSCA (Toxic Substances Control Act): None of the ingredients is listed

Section 16: Other Information

Avantik provides the information in this document in good faith and believes the information to be accurate. The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. It is the responsibility of the buyer to research and understand safe methods of handling, storing, and disposal of this product. Avantik makes no warranty with respect to such information and assumes no liability for any loss or injury, which may result from the use of this information. It is the buyers responsibility to comply with local, state, and federal regulations concerning use and disposal of this product.

SDS date of preparation/update: April 2nd, 2020