



SAFETY DATA SHEET

Section 1: Identification of the substance/mixture and of the company/undertaking

Identification of the substance/ preparation:

Product Code: P.S.# 112530

Product name: Transport Media w/ Gentamicin

Company/Undertaking Identification

Integrated Genetics - 2000 Vivigen Way, Santa Fe, NM. 87505 1-800-848-4436

24 hour Emergency Response: 3E Company - (844)225-0663

Transport Media used to transport viable tissue specimen.

Section 2: Hazard(s) Identification

Classification

| | |
|---------------------------|------------|
| Respiratory sensitization | Category 1 |
| Skin sensitization | Category 1 |

Label elements

Emergency Overview

| | | |
|--|------------------------------|--------------------------------------|
| Signal Word : Danger | | |
| Hazard statements | | |
| H317 - May cause an allergic skin reaction | | |
| H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled | | |
| | | |
| Appearance Clear | Physical state liquid | Odor No information available |
| | | |



Gentamicin (10mg/ml), 35µg/ml of Total Tissue Culture Media Mixture

Precautionary statements

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves

P285 - In case of inadequate ventilation wear respiratory protection

P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

P363 - Wash contaminated clothing before reuse

Hazards not otherwise classified (HNOC) - None known.**Section 3: Composition/Information on Ingredients**

| Chemical Name | CAS # | Weight % | Trade Secret |
|----------------------|-----------|----------|--------------|
| Gentamicin Sulfate | 1405-41-0 | 0.1-1 | NA |
| Tissue Culture Media | NA | NA | NA |

Section 4: First Aid Measures**First aid measures:****Inhalation** Remove to fresh air. If not breathing, give artificial respiration. Call a physician.**Skin Contact** Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Call a physician.**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.**Ingestion** If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Call a physician.**Most important symptoms and effects, both acute and delayed****Symptoms** May cause allergy or asthma symptoms or breathing difficulties if inhaled.**Indication of any immediate medical attention and special treatment needed****Note to physicians** Treat symptomatically.**Section 5: Fire Fighting Measures****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.**Hazardous combustion products**

Carbon oxides, Nitrogen oxides (NOx), Oxides of sulfur.

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.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Avoid breathing dust/fume/gas/mist/vapors/spray.

Environmental precautions

Collect spillage. Prevent product from entering drains.

Methods and material for containment and cleaning up

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

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Prevent product from entering drains.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand Protection Wear protective nitrile rubber gloves.

Skin and body protection Suitable protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

| | | | |
|-----------------------|-----------|-----------------------|--------------------------|
| Physical state | liquid | Odor | No information available |
| Appearance | clear | Odor threshold | No information available |
| Color | colorless | | |

| Property | Values | Remarks • Method |
|--------------------------------------|--------------------------|------------------|
| pH | 6.0 +/- 0.5 | 20-25 °C |
| Melting point/freezing point | No information available | |
| Boiling point / boiling range | No information available | |
| Flash point | No information available | |
| Evaporation rate | No information available | |
| Flammability (solid, gas) | No information available | |
| Flammability Limit in Air | | |
| Upper flammability limit: | No information available | |
| Lower flammability limit: | No information available | |
| Vapor pressure | No information available | |
| Vapor density | No information available | |
| Specific Gravity | No information available | |
| Water solubility | Soluble in water | |
| Solubility in other solvents | No information available | |
| Partition coefficient | No information available | |
| Auto ignition temperature | No information available | |
| Decomposition temperature | No information available | |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | No information available | |
| Oxidizing properties | No information available | |
| Explosive properties | No information available | |

Section 10: Stability and Reactivity

Reactivity

Chemical stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to avoid None known.

Incompatible materials Strong oxidizing agents.

Hazardous Decomposition Products None under normal use conditions

Thermal decomposition can lead to release of irritating and toxic gases and vapors Carbon oxides, Nitrogen oxides (NO_x), Oxides of sulfur.

Section 11: Toxicological Information

Acute toxicity

Product Information No acute toxicity information is available for this product

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LD50 |
|--------------------|-------------|-------------|-----------------|
| Gentamicin Sulfate | 5g/kg (rat) | NA | NA |

Information on toxicological effects

Symptoms May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

| | |
|--|--|
| Sensitization | May cause sensitization by inhalation and skin contact. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |
| Target Organs | Ears, kidneys. |
| Potential health effects Inhalation | May be harmful if inhaled. May cause irritation of respiratory tract. May cause allergic respiratory reaction. |
| Ingestion | May be harmful if swallowed. |
| Skin | May be harmful in contact with skin. May cause irritation. |
| Eyes | May cause eye irritation. |

Section 12: Ecological Information (non-mandatory)

| | |
|----------------------------|---------------------------|
| Ecotoxicity effects | No information available. |
| Mobility | No information available. |
| Biodegradation | No information available. |
| Bioaccumulation | No information available. |

Section 13: Disposal Considerations (non-mandatory)

Dispose of in accordance with local regulations.

Section 14: Transport Information (non-mandatory)

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**Section 15: Regulatory Information (non-mandatory)**

| Component | TSCA |
|--------------------|------------|
| GENTAMICIN SULFATE | Not Listed |

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 contains HAPs.

U.S. State Regulations**California Proposition 65**

This product does not contain Proposition 65 chemicals:

WHMIS hazard class:

D2B Toxic materials

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

Section 16: Other Information

Version 1 SDS created on May 8, 2015

The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

The statements herein are intended to be followed by persons having related technical skills.