



SAFETY DATA SHEET

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

Identification of the substance/ preparation:

Product Code: P.S. # 112531

Product name: Aspiration 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

Aspiration Media is used to collect Chorionic Villi specimens prior to transferring the CVS into Transport Media.


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
Heparin, sodium salt	9041-08-1	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.

Section 5: Fire Fighting Measures

Suitable extinguishing media Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for firefighters Wear self-contained breathing apparatus and protective suit.

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

Heparin, sodium salt	779000 unit/kg (Rat)	NA	NA
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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
Heparin, sodium salt	Exempt from reporting

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 contain 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.