



## Safety Data Sheet for global<sup>®</sup> w/ HEPES

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Name:** global<sup>®</sup> w/ HEPES  
**Catalogue Numbers:** LGGH-050, LGGH-100, LGGH-500  
**Manufacturer:** LifeGlobal Group, LLC, 393 Soundview Rd, Guilford, CT 06437 US  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

Component	CAS-code	Approx. %
Water	7732-18-5	>85%
Calcium Chloride	10035-04-8	<1%
Sodium Chloride	7647-14-5	<1%
Potassium Chloride	7447-40-7	<1%
Potassium Phosphate	7778-77-0	<1%
Magnesium Sulfate	10034-99-8	<1%
Sodium Bicarbonate	144-55-8	<1%
Glucose	50-99-7	<1%
Lactate Na Salt	867-56-1	<1%
Sodium Pyruvate	113-24-6	<1%
Amino Acids	N/A	<1%
Glycyl-glutamine	172669-64-6	<1%
EDTA	6381-92-6	<1%
Phenol Red	143-74-8	<1%
Gentamicin Sulfate	1405-41-0	<1%
HEPES	7365-45-9	<1%

### 3. HAZARDOUS IDENTIFICATION

**Contains Gentamicin Sulfate:** This product contains the antibiotic gentamicin sulfate. Appropriate precautions should be taken to ensure that the patient is not sensitized to this antibiotic.

### 4. FIRST AID MEASURES

**Eye contact:** Flush with water. Get medical attention if irritation develops or persists.  
**Skin contact:** Wash with soap and water.  
**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation.  
**Ingestion:** Wash out mouth with water. Contact physician.

### 5. FIRE FIGHTING MEASURES

**Flash point:** Not applicable.  
**Extinguishing media:** Not applicable.  
**Fire & Explosion Hazard:** Not applicable.  
**Special firefighting procedure:** Not applicable.

### 6. ACCIDENTAL RELEASE MEASURES

**Spills:** Use absorbent material to mop up spilled liquid.



## 7. HANDLING AND STORAGE

<b>Recommended storage temperature:</b>	Minimum: +2°C (35.6 F) Maximum: +8°C (46.4 F)
<b>Shelf life:</b>	Ten (10) weeks from the date of manufacture.
<b>Handling (Personnel):</b>	Use care in handling and storage. Use aseptic working techniques at all times.
<b>Handling (Physical Aspects):</b>	Keep from freezing. Do not store at temperatures above 8°C. Close container after each use.
<b>Storage precautions:</b>	Avoid extreme temperatures. Keep away from sunlight. Do not freeze.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering controls:</b>	No special ventilation required.
<b>Eye/face protection:</b>	When splashing of the material may occur, goggles or a face shield is recommended. If splashing does occur flush immediately and thoroughly with copious quantities of water. Should serious reaction occur, seek medical attention immediately.
<b>Skin protection:</b>	Handle with gloves and lab coat. Employees should wash hands after handling product. Avoid contact with skin, eyes and clothing.
<b>Respiratory protection:</b>	Under normal use conditions, with adequate ventilation, no special handling equipment is required.
<b>Exposure guidelines:</b>	No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Clear Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	None
<b>Solubility in water:</b>	Complete

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Incompatibility:</b>	None known

## 11. TOXICOLOGY INFORMATION

<b>Toxicity Date:</b>	Not established for this product.
<b>Effect of Overexposure:</b>	Not established for this product.
<b>Eye:</b>	Not expected to be an eye irritant, but can cause temporary discomfort.
<b>Skin:</b>	Not expected to be a skin irritant.
<b>Inhalation:</b>	Inhalation is not considered a potential route of exposure under normal laboratory use.
<b>Ingestion:</b>	Not considered a potential route of exposure under normal laboratory use.

## 12. ECOLOGICAL INFORMATION

No known ecological damage.

## 13. DISPOSAL CONSIDERATION

<b>Waste Disposal:</b>	Treat or dispose of waste material in accordance with all local state/provincial, and national requirements. Dispose with laboratory waste.
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EC REP



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#### 14. TRANSPORTATION INFORMATION

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**Product Label:** global® w/ HEPES  
**D.O.T. Hazard Class:** Non-Hazardous  
**IATA/ICAO Air (54th edition IATA 2013):** Non-Hazardous  
**Miscellaneous:** Cool packs are needed for transportation.

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#### 15. REGULATORY INFORMATION

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This product does not contain any ingredients which have been determined to be health hazards pursuant to U.S. OSHA regulations, and which comprise 1% or more (0.1% for carcinogens) of the mixture.

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#### 16. OTHER INFORMATION

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**Information Sources:** This information is offered and is accurate to the best knowledge of LifeGlobal Group, LLC. The data on this sheet are related only to the specific material designated herein.

**Disclaimer:** No claim is made that the information is all-inclusive, and it should be used only as a guide. LifeGlobal Group shall not be held liable for any damage resulting from handling or from contact with the product.