



## Safety Data Sheet for global® w/ HEPES

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

**Product Name:** global® w/ HEPES  
**Catalogue Numbers:** LGGH-050, LGGH-100, LGGH-500  
**Manufacturer:** LifeGlobal Group, LLC, 393 Soundview Rd, Guilford, CT 06437 US  
T: 1-800-720-6375 F: 1-519-826-6947 Intl.: 001-519-826-5800  
[sales@LifeGlobal.com](mailto:sales@LifeGlobal.com) [www.LifeGlobalGroup.com](http://www.LifeGlobalGroup.com)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

Component	CAS-code	Approx. %
Water	7732-18-5	>85%
Sodium Chloride	7647-14-5	<1%
Potassium Chloride	7447-40-7	<1%
Calcium Chloride	10035-04-8	<1%
Potassium Phosphate	7778-77-0	<1%
Magnesium Sulfate	10034-99-8	<1%
Sodium Bicarbonate	144-55-8	<1%
Glucose	50-99-7	<1%
Sodium Lactate	72-17-3	<1%
Sodium Pyruvate	113-24-6	<1%
Amino Acids	N/A	<1%
EDTA	60-00-4	<1%
Phenol Red	143-74-8	<1%
HEPES	7365-45-9	<1%
Gentamicin Sulfate	1405-41-0	<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.



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**7. HANDLING AND STORAGE**

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

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Engineering controls:** No special ventilation required.  
**Eye/face protection:** 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.  
**Skin protection:** Handle with gloves and lab coat. Employees should wash hands after handling product. Avoid contact with skin, eyes and clothing.  
**Respiratory protection:** Under normal use conditions, with adequate ventilation, no special handling equipment is required.  
**Exposure guidelines:** No information available.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Form:** Clear Liquid  
**Color:** Colorless  
**Odor:** None  
**Solubility in water:** Complete

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**10. STABILITY AND REACTIVITY**

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**Stability:** Stable  
**Incompatibility:** None known

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**11. TOXICOLOGY INFORMATION**

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

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**12. ECOLOGICAL INFORMATION**

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No known ecological damage.

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**13. DISPOSAL CONSIDERATION**

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



EC REP



LifeGlobal Europe, Rue de la Presse 4, 1000 Brussels Belgium  
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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.