

# Material Safety Data Sheet

OSHA "Hazard Communication" (29 CFR 1910.1200)

## HEPES Solution 1M

CATALOG NO. 59205

### Section I – Product Identification

**Product Name:**

HEPES Solution 1M

**Product Number:**

59205

**Product Classification:**

Cell Culture Reagent

The subject formulation is 238.3 grams of HEPES (N-[2-Hydroxyethyl]piperazine-N'-[2-ethanesulfonic acid]), C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S, (CAS Number 7365-45-9) per liter of purified water.

### Section II – Physical Data

**Appearance:**

Clear colorless solution

**pH:**

7.0 - 7.4

### Section III – Hazardous Ingredients

Section Not Applicable.

### Section IV – First Aid

In case of contact with eyes, flush thoroughly with water and contact a physician. In case of accidental swallowing, rinse the mouth with fresh water, provided the person is conscious. Contact a physician. In case of contact with skin, wash the affected area with copious quantities of soap and water. Should irritation occur, contact a physician. In case of inhalation, remove to fresh air. Give oxygen if breathing becomes difficult. If not breathing, give artificial respiration. Contact a physician.

### Section V – Fire and Explosion Hazard Data

**Extinguishing Media:**

Water spray, dry chemical powder or appropriate foam.

### Section VI – Health (Toxicological) Hazard Data

This product is a potential irritant to eyes, respiratory system and skin. The product may also be harmful if ingested. Complete toxicological properties have yet to be determined.

### Section VII – Stability and Reactivity

Stable. Hazardous Polymerization will not occur.

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## Section VIII – Special Protection Information

### Eye Protection:

Safety glasses or goggles recommended.

### Protective Gloves:

Chemical-resistant gloves recommended.

### Respiratory Protection:

Protective mask recommended.

### Ventilation:

Mechanical (general) or local exhaust.

### Other Protection Equipment:

Safety shower and eye bath.

## Section IX – Handling and Storage Precautions/Comments

### Store at:

2 to 8 C.

### Intended Use:

For further manufacturing use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

## Section X – Spill or Leak Procedures

### Spill:

Wear respirator, safety goggles and chemical-resistant gloves. Absorb on sand, vermiculite or other absorbent material. Place in a closed container and hold for waste disposal. Wash and ventilate area thoroughly after clean up is complete.

### Waste Disposal:

Follow all Federal, State and Local regulations for chemical waste disposal.

## Section XI – Disclaimer

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