

## LIFELINE CELL TECHNOLOGY MATERIAL SAFETY DATA SHEET

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### SECTION 1 – PRODUCT AND COMPANY INFORMATION

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**Product Name:** 20% Sucrose Stabilizer

**Product Number:** CM-0051

**Company Address:** Lifeline Cell Technology  
32 East Frederick Street  
Walkersville, MD 21793

**Technical Phone:** (877) 845-7787

**Fax:** (301) 845-0885

**Emergency Phone:** (877) 845-7787

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### SECTION 2 – COMPOSITION / INFORMATION ON COMPONENTS

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**Liquid:** The subject formulation is a 20% solution of Sucrose. With the exception of purified water and sucrose, all ingredients are in concentrations of less than 1%.

Sucrose CAS# 57-50-1 EC# 200-334-9 20% concentration

**Synonyms:** Sugar solution, sugar water

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### SECTION 3 – HAZARDS IDENTIFICATION

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**Potential Health Effects:**

**Eye:** May cause irritation of the eye.

**Skin:** No known affects expected from dermal exposure.

**Ingestion:** May cause mild irritation to mouth, throat, and stomach. May cause abdominal discomfort.

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### SECTION 4 – FIRST AID MEASURES

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**Oral Exposure:** If swallowed, rinse out mouth with water provided person is conscious. Call a physician.

**Dermal Exposure:** No affects expected from dermal exposure. In case of contact with skin, flush with copious amounts of water for at least 15 minutes.

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

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## **SECTION 5 – FIRE FIGHTING MEASURES**

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Information is non-applicable.

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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**Methods for Clean Up:** Absorb on laboratory towel and place in closed container for disposal. Ventilate area and wash spill site after material cleanup is complete.

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## **SECTION 7 – HANDLING AND STORAGE**

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**Handling:** Avoid inhalation. Avoid contact with eyes. Avoid prolonged or repeated exposure.

**Storage:** Keep container tightly closed. Store at room temperature.

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## **SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Engineering Controls:** Eye wash stations are required.

**Ventilation:** Area ventilation is generally adequate.

**Personal Protective Equipment:**

**Respiratory:** Respirator not required.

**Hand:** Chemical resistant gloves required.

**Eye:** Safety glasses or goggles required.

**General Hygiene Measures:** Wash hands thoroughly after handling.

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## **SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES**

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**Appearance:** Clear Liquid.

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## **SECTION 10 – STABILITY AND REACTIVITY**

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Information is non-applicable.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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**Acute toxicity** LD50 Oral - rat - 29,700 mg/kg

**Skin corrosion/irritation** no data available

**Serious eye damage/eye irritation** no data available

**Respiratory or skin sensitization** no data available

**Germ cell mutagenicity** no data available

### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity** no data available

**Specific target organ toxicity - single exposure (GHS)** no data available

**Specific target organ toxicity - repeated exposure (GHS)** no data available

**Aspiration hazard** no data available

### **Potential health effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

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## SECTION 12 – ECOLOGICAL INFORMATION

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Information is non-applicable.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

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**Appropriate Method of Disposal:** Clean up and dispose of waste in accordance with all federal, state and local environmental regulations.

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## SECTION 14 – TRANSPORT INFORMATION

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**DOT:** This product is considered to be non-hazardous for transport.

**Proper Shipping Name:** None.

**IATA:** This product is considered to be non-hazardous for air transport.

ISSUE DATE: Jan. 15, 2008

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## SECTION 15 – REGULATORY INFORMATION

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**OSHA Hazards** No known OSHA hazards  
**DSL Status** All components of this product are on the Canadian DSL list.  
**SARA 302 Components** SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
**SARA 313 Components** SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.  
**SARA 311/312 Hazards** No SARA Hazards

### Massachusetts Right To Know Components

Sucrose CAS# 57-50-1 Revision Date 1991-07-01

### Pennsylvania Right To Know Components

Sucrose CAS# 57-50-1 Revision Date 1991-07-01

### New Jersey Right To Know Components

Sucrose CAS# 57-50-1 Revision Date 1991-07-01

**California Prop. 65 Components** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## SECTION 16 – OTHER INFORMATION

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**Disclaimer:** This product is for research and development use only. Not for clinical or household use.

**Warranty:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. Lifeline Cell Technology reserves the right to revise this MSDS periodically as new information becomes available. It does not represent any guarantee of the properties of the product. Lifeline Cell Technology shall not be held liable for any damage resulting from handling or from contact with the above product.