

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Magnelle<sup>®</sup> Cell Labeling Agent

**Company information:** Bell Biosystems Inc., 626 Bancroft Way, Suite A, Berkeley, CA 94710

**Company phone number:** (877) 420-3621

## 2. HAZARDS IDENTIFICATION

### GHS

#### Classification

Not available.

#### Hazard statements

None

#### Label elements

#### Hazard statements

None

#### Pictogram

None

#### Signal word

None

#### Precautionary statements

None

#### Precautionary statements – Prevention

This substance is not hazardous as defined by OSHA 29CFR 1910.1200, however, this product should be handled according to good lab practices, with proper personal protective equipment, proper engineering controls and within the parameters of the purchaser's safety program.

Product should be handled using appropriate safety procedures and precautions. Detailed discussions of laboratory safety procedures are provided in Laboratory Safety: Principles and Practice (Fleming et al) and in the U.S. Government Publication, Biosafety in Microbiological and Biomedical Laboratories. This publication is available in its entirety in the Center for Disease Control Office of Health and Safety's web site at <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>.

Information on the classification of human etiologic agents on the basis of hazard can be found as Appendix B in the NIH Guidelines for Research Involving Recombinant DNA Molecules at <http://grants.nih.gov/grants/policy/recombinentdnaguidelines.htm>.

#### Precautionary statements – Disposal

Dispose of contents/container to an approved biohazard waste disposal plant.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances

Live, non-pathogenic, Biosafety Level 1 bacteria at a concentration of 4 billion cells per mL proprietary buffer.

Component description	Volume
Live, non-pathogenic, Biosafety Level 1 bacteria	5 vials of 2 mL

This substance contains no ingredients at concentrations to be considered hazardous as defined by OSHA29CFR 1910.1200.

### 4. FIRST AID MEASURES

#### First aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation</b>	Call a physician or Poison Control Center immediately. Move to fresh air. If breathing is difficult, give oxygen. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

#### Indication of any immediate medical attention and special treatment needed

No data available.

#### Notes to physician

Treat symptomatically and supportively.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special hazards arising from the substance/ mixture

Carbon oxides.

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

No data available.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment specified under section 8. Do not get in eyes, on skin, or on clothing. In contact with patient/victim occurs, refer to section 4. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Do not take clothing home.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

### Methods and material for containment and cleaning up

Allow aerosols to settle; wearing protective clothing, gently cover spill with paper towel and apply 1% sodium hypochlorite, starting at perimeter and working towards the center; allow sufficient contact time before clean up (30 min).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist.

### Conditions for safe storage, including any incompatibilities

<b>Technical measures/precautions</b>	Keep containers tightly closed -80°C until use.
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<b>Incompatible products</b>	None known.
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

### Appropriate engineering controls

General laboratory hygiene practice.

### Individual protection measures, such as personal protective equipment

<b>Eye protection</b>	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<b>Skin and body protection</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Respiratory protection</b>	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Hygiene measures

Handle in accordance with good laboratory hygiene and safety practice. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Frozen liquid
<b>Appearance</b>	Light brown when product is suspended in buffer
<b>Odor</b>	Odorless
<b>pH value</b>	No data available.
<b>Melting point/range</b>	No data available.
<b>Boiling point/pange</b>	No data available.
<b>Evaporation rate</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Vapor pressure</b>	No data available.
<b>Vapor density</b>	No data available.
<b>Relative density</b>	No data available.
<b>Specific gravity</b>	No data available.
<b>Water solubility</b>	Miscible
<b>Partition coefficient: n-octanol/water</b>	No data available.
<b>Autoignition temperature</b>	No data available.
<b>Decomposition temperature</b>	No data available.
<b>Viscosity</b>	No data available.
<b>Explosive properties</b>	No information available.
<b>Oxidizing properties</b>	No information available.

### Other information

No information available.

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

No data available.

### Possibility of hazardous reactions

None under normal processing.

#### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

None known.

### Incompatible materials

No data available.

### Hazardous decomposition products

No data available.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<b>Acute toxicity</b>	No data available.
<b>Inhalation</b>	No data available.
<b>Dermal</b>	No data available.
<b>Skin corrosion/irritation</b>	No data available.
<b>Serious eye damage/eye irritation</b>	No data available.
<b>Respiratory or skin sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration hazard</b>	No data available.

**Note:** The toxicological properties of this substance have not been fully investigated.

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

No data available.

### **Persistence and degradability**

No data available.

### **Bioaccumulation/Accumulation**

No information available.

### **Mobility in soil**

No data available.

### **Results of PBT and vPvB assessment**

No information available.

### **Other adverse effects**

No data available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with federal, state and local regulations.
<b>Contaminated packaging</b>	Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

<b>DOT (US)</b>	Not dangerous goods.
<b>IMDG</b>	Not dangerous goods.
<b>IATA</b>	Not dangerous goods.

## 15. REGULATORY INFORMATION

This substance is not listed on the TSCA Inventory. It is for research and development use only.

### **SARA 302 components**

This substance is not SARA listed.

### **SARA 313 components**

This product is not regulated by SARA CAA, Section 112, Hazardous Air Pollutants (HAPs) (40 CFR 61): This product does not contain HAPs.

### **U.S. state regulations**

#### **California Proposition 65**

This product does not contain chemicals listed under Proposition 65.

#### **U.S. State Right-to-Know regulations**

No information available.

## 16. OTHER INFORMATION

**Revision date** June 27, 2018

**Revision note** No information available.

### **Disclaimer**

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 regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Bell Biosystems Inc. shall not be held liable for any damage resulting from handling.

**End of SDS**