

## Material Safety Data Sheet

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** PB180340  
**Product name:** Advanced Tyrode's Solution, with HEPES  
**Company Address:** 14780 Memorial Drive, Suite 105, Houston, Texas, 77079, USA  
**Email:** orders@pri-cella.com techsupport@pri-cella.com  
**Emergency Phone:** 1-832-243-6086  
**Web:** www.pri-cella.com

### SECTION 2 HAZARDS IDENTIFICATION

**Hazards Identification:** According to GHS  
**Physical Hazards:** Not Hazardous  
**Health Hazards:** Not Hazardous  
**Environmental Hazards:** Not Hazardous

### SECTION 3 INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### SECTION 4 FIRST-AID MEASURES

**Skin Exposure:**  
In case of contact, wash skin with soap and copious amounts of water. If irritation persists, call a physician.

**Eye Exposure:**  
In case of contact with eyes, flush with copious amounts of water for several minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

**Inhalation Exposure:**  
Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. If necessary, get medical attention.

**Oral Exposure:**  
Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If necessary, get medical attention.

### SECTION 5 FIRE FIGHTING MEASURES

**Extinguishing Media:**  
Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

**Firefighting:**  
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Procedure of Personal Precaution:**  
Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

**Methods for Cleaning Up:**  
Soak up with inert absorbent material.

**Environmental Reactions:**  
No special environmental precautions required.

## SECTION 7 HANDLING AND STORAGE

### Handling:

Use personal protective equipment as required. No special handling advices are necessary.

### Storage:

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers

## SECTION 8 EXPOSURE CONTROL/PPE

### Engineering Controls:

Contains no substances with occupational exposure limit values. Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment:

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles if needed.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

### Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** liquid.

**PH:** No value

No data is available for Vapor Pressure, Vapor Density, Evaporation Rate, Viscosity, Boiling Point, Freezing/Melting Point, Decomposition Temperature, Solubility, Specific Gravity/Density, or Molecular Weight.

## SECTION 10 STABILITY AND REACTIVITY

### Stability:

Stable under normal temperatures and pressures.

### Materials to Avoid:

No data available.

### Hazardous Polymerization:

No data available.

### Hazardous Decomposition Products:

Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

### Acute Toxicity:

There is no evidence available indicating acute toxicity.

## SECTION 12 ECOLOGICAL INFORMAITON

### Toxicity:

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

### Persistence and Degradability:

No data available.

### Bioaccumulative Potential:

No data available.

### Mobility in Soil:

No data available.

## SECTION 13 DISPOSAL CONSIDERATION

### Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## SECTION 14 TRANSPORT INFORMATION

**RID/ADR:** Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.  
**IATA:** Non-Hazardous for Air Transport.  
**IMO:** Non-Hazardous for Sea Transport.

## SECTION 15 REGULATORY INFORMATION

### Regulation (EC) No.1272/2008:

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

## SECTION 16 OTHER INFORMATION

**IMPORTANT! Read the safety data sheets before the use and disposal of this product. Insure that this information is understood by the operators exposed to this product. Use this product for the intended purpose as indicated in the instruction manual.**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from this use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.