

Material Safety Data Sheet

Revision Number: 1.0
Revision Date: 09-Jan 22

Product and Company Identification

Product Name: Calcium Buffers Kit #1 (10^{-1} to 10^{-8} M Ca^{++})
Catalog Number: CALBUF-1
Unit Size: 1 Kit – 8 x 20mL Ca^{++} /KCl buffer solutions
Manufacturer/Supplier: World Precision Instruments, Inc.
175 Sarasota Center Blvd, Sarasota, FL 34240-9258, USA
For US, Toll-Free Phone: 1-866-606-1974
Fax: 1-941-377-5428
Phone: (941) 371-1003 Web: <http://www.wpiinc.com>
Tech Support: technicalsupport@wpiinc.com

Composition / Information on Components

- **COMPONENT 1:** pCa 1 <100mM CaCl_2 in 10mM MOPS pH 7.30>
- **COMPONENT 2:** pCa 2 <10mM CaCl_2 / 70mM KCl in 10mM MOPS pH 7.30>
- **COMPONENT 3:** pCa 3 <1mM CaCl_2 / 98mM KCl in 10mM MOPS pH 7.30>
- **COMPONENT 4:** pCa 4 <5mM CaCl_2 / 90mM KCl 10mM NTA in 10mM HEPES pH 7.39>
- **COMPONENT 5:** pCa 5 <5mM CaCl_2 / 90mM KCl 10mM NTA in 10mM TAPS pH 8.42>
- **COMPONENT 6:** pCa 6 <5mM CaCl_2 / 90mM KCl 10mM HEDTA in 10mM MOPS pH 7.7>
- **COMPONENT 7:** pCa 7 <5mM CaCl_2 / 90mM KCl 10mM EGTA in 10mM MOPS pH 7.29>
- **COMPONENT 8:** pCa 8 <5mM CaCl_2 / 90mM KCl 10mM EGTA in 10mM HEPES pH 7.8>
- NaN_3 added as a preservative to all solutions above.

Other Information

Materials listed above are not considered hazardous, or are not present above 1%, or are not carcinogens above 0.1% as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard. Therefore, Material Safety Data Sheets are not required. We recommend treating all chemicals with caution.

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. World Precision Instruments shall not be held liable for any damage resulting from handling or contact with the above product.