

Safety Data Sheet

Section 1 - Product and Company Information

Product Name: UltraCoat™ ELISA Plate Coating Buffer (10X Stock Solution)
Product Form: Mixture
Product Code: C100
Relevant Identified Uses: For laboratory use
Company: Leinco Technologies, Inc.
410 Axminster Drive
St. Louis, Missouri 63026
Phone: 636-230-9477
Fax: 636-527-5545
Emergency Phone Number: 314-974-4113

Section 2- Hazards Identification

Classification: GHS-US Not classified
Label Elements: GHS-US Labeling not applicable
Other Hazards: None under normal conditions.
Unknown acute toxicity: No data available

Section 3- Composition/ Information on Ingredients

Substance: Not Applicable

Mixture: Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200)



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Section – 4 First Aid Measures

General: If exposed or concerned, get medical attention /advice. Show this safety data sheet to the attending doctor. Wash contaminated clothes prior to reuse. Never give anything to an unconscious person.

Oral Exposure: If swallowed, rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention/call poison control if you feel unwell.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing, administer CPR. If breathing becomes difficult, give oxygen. If discomfort persists, seek medical attention.

Dermal Exposure: In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician.

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. Remove contact lenses if present and easy to do so. Obtain medical attention if pain, blinking or redness persist.

Important symptoms and effects

General Symptoms: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: May cause respiratory irritation.

Dermal contact: May cause skin irritation.

Eye contact: May cause slight temporary irritation.

Ingestion: May cause gastrointestinal irritation

Indication of immediate medical attention needed:

No additional information available

Section – 5 Fire Fighting Measures



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Extinguishing Media:

Suitable: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
Unsuitable: None known

Special hazards arising from substance or mixture:

Fire Hazard: No data available.
Explosion Hazard: Product is not explosive
Reactivity: No dangerous reactions known under normal conditions of use.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Precautionary Measure: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

Section – 6 Accidental Release Measures

General Measures: No specific emergency measures are required other than good laboratory hygiene and safety practices.

Procedure to be Followed In Case of Leak or Spill: Cover released or spilled material with absorbent.

Procedures and Personal Precautions: Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

Methods for Cleaning Up: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Place in a suitable container for disposal in accordance with the waste regulation. Wash spill area thoroughly with plenty of soap and water.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.



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Section – 7 Handling and Storage

Handling: Do not handle until all safety precautions have been read and understood. Use appropriate personal protection equipment. Keep away from sources of ignition- No smoking. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving from work.

Storage: Suitable: Keep container tightly closed and sealed. Store in a dry, cool and well ventilated area. Avoid elevated temperatures

Storage Temperature: 2-8°C

Section 8-Exposure Controls/Personal Protection

Control parameters: No data available.

Exposure controls:

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas. Personal Protective equipment: Gloves chemically resistant to this material when prolonged and repeated contact could occur. Protective goggles or safety glasses. Wear suitable clothing including long sleeves. Where excessive vapor, mist, or dust may result use appropriate respiratory protection equipment.

Section – 9 Physical/Chemical Properties

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|----------------------------|--------------------------|
| Physical State: | Liquid |
| Appearance: | Clear, colorless liquid. |
| Color: | Clear |
| Odor: | No data available. |
| Odor Threshold: | No data available. |
| pH: | Neutral |
| Relative evaporation rate: | No data available. |
| Boiling Point: | No data available. |



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| Melting Point: | No data available. |
| Freezing Point: | No data available. |
| Flash Point: | No data available. |
| Auto-ignition temperature: | No data available. |
| Decomposition Temperature: | No data available. |
| Flammability: | Not flammable. |
| Relative vapour density at 20°C: | No data available. |
| Relative Density: | No data available. |
| Solubility: | Aqueous |
| Vapor Pressure: | No data available. |
| Log Pow: | No data available. |
| Log Kow: | No data available. |
| Viscosity, kinematic: | No data available. |
| Viscosity, dynamic: | No data available. |
| Explosive properties: | Product is not explosive |
| Oxidizing properties: | Not an oxidizer. |
| Explosive limits: | No data available. |

Section – 10 Stability and Reactivity

Reactivity: No dangerous reactions known under normal conditions of use.

Chemical Stability: Stable under recommended handling and storage conditions.

Possibility of hazardous reactions: None known.

Conditions to avoid: Light. Elevated temperatures. Moisture.

Materials to Avoid: Alkali metals. Strong Acids,

Hazardous Decomposition Products: Thermal decomposition generates: Phosphorous oxides.
Sodium oxides.

Section – 11 Toxicological Information



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| Acute toxicity: | Not classified |
| Skin corrosion/irritation: | Not classified |
| | pH: Neutral |
| Serious eye damage/irritation: | Not classified |
| | pH: Neutral |
| Respiratory or skin sensitization: | Not classified |
| Germ cell mutagenicity: | Not classified |
| Carcinogenicity: | Not classified |
| Reproductive toxicity: | Not classified |
| Specific target organ toxicity (Single exposure): | Not classified |
| Specific target organ toxicity (Repeated exposure): | Not classified |
| Aspiration hazard: | Not classified |
| Symptoms after inhalation: | May cause respiratory irritation |
| Symptoms after skin contact: | May cause skin irritation |
| Symptoms after eye contact: | May cause slight temporary irritation |
| Symptoms after ingestion: | May cause gastrointestinal irritation. |
| Chronic symptoms: | No data available |

Section 12-Ecological information

| | |
|--------------------------------|--------------------------|
| Toxicity: | No information available |
| Persistence and degradability: | No information available |
| Bioaccumulative potential: | No information available |
| Mobility in soil: | No information available |
| Other adverse effects: | No information available |

Section 13-Disposal conditions



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Waste disposal recommendations: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

Section 14-Transport information

In accordance with DOT: Not hazardous for transport

Transport by sea: No additional informational available

Air transport: No additional information available

Section 15- Regulatory information

US Federal regulations

All chemical substances in this product are listed in the EPA (*Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory.

International regulations

Canada: No additional information available

US State regulations: California Proposition 65

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

Section – 16 Other Information

Indication of changes: New SDS created

Effective date: 6/30/2017

Disclaimer: For Research Use Only. Not for drug, household, therapeutic diagnostic or other uses.



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NFPA health hazard: 0-Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 0-Materials that will not burn.

NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and are not reactive with water.



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 regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Leinco Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2007 Leinco Technologies, Inc. License granted to make unlimited paper copies for internal use only.



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