

Safety Data Sheet

Section 1 – Product and Company Information

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| Product Name: | Monoclonal Antibodies & Conjugates |
| Purified or Conjugated to the Following Reporter Molecules: | Alkaline Phosphatase, Purified Low Endotoxin Functional Formulation, Allophycocyanin (APC), Biotin, Cy3, Cy5, Cy, Fluorescein (FITC), Horseradish Peroxidase (HRPO), PerCP, Phycoerythrin (R-PE), R-PE-Cy5, R-PE-Cy7, 7-Amino-4-methylcoumarin-3-acetic acid (AMCA), Rhodamine Red-X, Rhodamine TRITC, Texas Red, R-PE-Texas Red, DyLight® 405, DyLight® 488, DyLight®549, DyLight® 550, DyLight® 594, DyLight® 649, DyLight® 650, PhenoCycler-Fusion (CODEX)® Barcoded Antibodies |
| Product Form: | Mixture |
| Product Code (Identification Number): | Multiple |
| Company: | Leinco Technologies, Inc 410 Axminister Drive St. Louis, MO 63026 USA Phone: 636-230-9477 Fax: 636-527-5545 |
| Emergency Telephone: | 636-230-9477 800-538-1145 |
| Recommended Use: | For Research Use only |

Section 2 – Hazardous Identification

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|-----------------|--------------------------------|
| Classification: | GHS-US Not Classified |
| Label Elements: | GHS-US Labeling not applicable |
| Other Hazards: | None under normal conditions. |



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This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200.

Unknown acute toxicity: No data available.

Section 3 – Composition / Information on Ingredients

CAS No/Description.: 7601-54-9 / Sodium Phosphate
7447-40-7 / Potassium Chloride
7647-14-5 / Sodium Chloride

Formulation: Description: Monoclonal antibodies and conjugates in an aqueous buffer solution many containing < 0.1% w/v of the preservative sodium azide.

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 persists.

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 irritation.

Ingestion: May cause gastrointestinal irritation.



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Indication of immediate medical attention needed:
No additional information available.

Section 5 – Fire Fighting Measures

Extinguishing Media:

Suitable: Noncombustible. Use extinguishing media appropriate to surrounding fire conditions.

Unsuitable: None known.

Special hazards arising from substance or mixture:

Fire Hazard: No data available.

Explosion Hazard: No data available.

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

Firefighting Instructions: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. For fires involving this material, do not enter any enclosed or confined space without proper protective equipment.

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

Procedures and Personal Precautions: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for Cleaning Up: Sweep up, place in a plastic bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 – Handling and Storage

Handling: User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Suitable: Keep tightly closed and sealed.



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Section 8 – Exposure Controls/Personal Protection

Control Parameters: No data available

Exposure Controls: No data available

Personal Protective Equipment: No specific emergency measures are required other than good laboratory hygiene and safety practices. Wear mask, gloves, safety glasses, and lab coat.

Section 9 – Physical/Chemical Properties

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|---------------------------------|-------------------|
| Physical State: | Solution |
| Appearance: | Clear liquid |
| Color: | Clear |
| Odor: | No data available |
| Odor Threshold: | No data available |
| pH: | 7.2-7.4 |
| Relative evaporation rate: | No data available |
| Boiling point: | No data available |
| 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: | No data available |
| Relative vapor 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: | No data available |
| Oxidizing properties: | No data available |
| Explosive limits: | No data available |

Section 10 – Stability and Reactivity

Stability: Stable

Materials to Avoid: Not data available.

Hazardous Decomposition Products: Nature of decomposition of products not known.



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Hazardous Polymerization Products: Hazardous polymerization of products will not occur.
Incompatible Materials: No data available.

Section 11 – Toxicological Information

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| Acute toxicity: | Not classified |
| Skin corrosion/irritation: | Not classified |
| | pH: Neutral |
| Serious eye damage/irritation: | May cause eye irritation. |
| | pH: Neutral |
| Respiratory or skin sensitization: | May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. |
| Germ cell mutagenicity: | Not classified |
| Carcinogenicity: | Not classified |
| Reproductive toxicity: | Not classified |

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 – Ecological Information

Section 13-Disposal Conditions

Section 14-Transport Information

Section 15-Regulatory Information

Section 16-Other Information

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| Indication of changes | Version 5.0 Corrections to intended use, addition of PhenoCycler-Fusion (CODEX) [®] Barcoded Antibodies |
| Effective Date: | 13Jan2023 |

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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 2012 Leinco Technologies, Inc. License granted to make unlimited paper copies for internal use only.



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