

Safety Data Sheet

Section 1 – Product and Company Information

Product Name: Propidium iodide (PI)

Product Form: Substrate and Assay Reagents

Product Code (Identification Number): P367

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

Classification: GHS-US Not Classified

Label Elements: GHS-US Labeling not applicable

Other Hazards: None under normal conditions.

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

This product contains no substances which at their given concentration are hazardous to health. We recommend handling all chemicals with caution.



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

Safety Data Sheet

Section 4 – First Aid Measures

Skin contact - Rinse skin with water. Immediate medical attention is not required. Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion - Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Inhalation - Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Notes to Physician - Treat symptomatically.

Most important symptoms and effects, both acute and delayed

Not Applicable

Indication of any immediate medical attention and special treatment needed

None.

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:

Standard procedure for chemical fires.



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

Safety Data Sheet

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.

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See section 8 for more information

Environmental precautions

No special environmental precautions required.

Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Reference to other sections

See section 8 for more information.

Section 7 – Handling and Storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

For research use only.



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

Safety Data Sheet

Section 8 – Exposure Controls/Personal Protection

Control parameters

Exposure Limits - Contains no substances with occupational exposure limit values.

Engineering Measures - Ensure adequate ventilation, especially in confined areas.

Exposure controls

Personal Protective Equipment

Respiratory protection - In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection - Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye protection Tight sealing safety goggles.

Skin and Body Protection Wear suitable protective clothing.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

No special environmental precautions required.



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

Safety Data Sheet

Section 9 – Physical/Chemical Properties

Physical State:	Solution
Appearance:	Clear liquid
Color:	No data available
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
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: No data available.

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

Hazardous Polymerization Products: Hazardous polymerization of products will not occur.

Incompatible Materials: No data available.



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

Safety Data Sheet

Section 11 – Toxicological Information

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	May cause eye irritation.
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

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

Mobility in soil - No information available.

Persistence and degradability - No information available.

Bioaccumulative potential - No information available.

Results of PBT and vPvB assessment - This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Section 13 – Disposal Conditions

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.



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

Safety Data Sheet

Section 14-Transport Information

Not regulated in the meaning of transport regulations.

Section 15-Regulatory Information

US Federal Regulations

SARA 313 - This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61) - This product does not contain HAPs

US State Regulations

California Proposition 65 – This product does not contain any Proposition 65 chemicals.

Section 16-Other Information

Indication of changes
Effective Date:

Version 1.0 New MSDS created for the product P367
09JUL2026

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 regarding appropriate safety precautions. It does not represent any guarantee of the property 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.



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