

SECTION 1: Product and Company Identification**Identification of the substance or mixture**

Product Name: Lithium Acetate [1M]
Catalog #: 10375, 10375-1

Company Identification

Cepharm Life Sciences Inc.
11830 W Market Place, Suite K
Fulton, MD 20759
USA
Toll Free: 1-800-257-1565
Phone: 410-636-4954

24-hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN 1010970

For Research Use Only. Not for use in diagnostic procedures.

SECTION 2: Hazards identification**Classification of the substance or mixture**

Substance/mixture is not classified as hazardous.

GHS Label Elements, including Precautionary Statements

Not classified as hazardous under the GHS.

Other Hazards

None found.

NFPA Rating

Health hazard: 0
Fire hazard: 0
Reactivity hazard: 0

HMIS Rating

Health hazard: 0
Chronic health hazard: 0
Reactivity hazard: 0
Flammability: 0
Physical hazard: 0

SECTION 3: Composition / Information on Ingredients**Substances**

Substance	CAS #	EC #	Concentration
Lithium Acetate M.F: LiOOCCH3 M.W: 65.99	546-89-4	208-914-3	6.599%

Hazardous components & classification

No chemicals or constituents are known to be present that require disclosure under applicable regulations.

SECTION 4: First Aid Measures

Description of first aid measures

General advice

Consult a physician if symptoms are severe or persistent. Provide this data sheet to medical personnel. If product is spilled or leaked, evacuate area.

In case of inhalation

If inhaled, move person to fresh air and monitor breathing. If not breathing, give artificial ventilation. Consult a physician if symptoms are severe or persistent.

In case of skin contact

Immediately wash with excess soap and water. If spilled on clothing, remove all affected clothing. Consult a physician if symptoms are severe or persistent.

In case of eye contact

Flush eyes with water or eye wash solution as a precaution for 15 minutes. Consult a physician if symptoms are severe or persistent.

In case of ingestion

Only induce vomiting if recommended by medical personnel. If subject is unconscious, do not give anything by mouth. If conscious, rinse mouth with water. Consult a physician if symptoms are severe or persistent.

Most important symptoms and effects, both acute and delayed

All known important symptoms are described in Section 2 and/or Section 11. No other important symptoms to report.

Indication of any immediate medical attention and special treatment needed

No special treatment indicated. Provide treatment in accordance with exhibited symptoms.

SECTION 5: Firefighting Measures

Suitable Extinguishing Media

Water spray, alcohol-resistant foam, dry chemical, and carbon dioxide extinguishers are suitable.

Unsuitable extinguishing media

No known unsuitable extinguishing media.

Special hazards arising from the substance

No special hazards are known to exist regarding combustion of this product.

Advice for firefighters

Wear protective gear, such as self-contained breathing apparatus, if necessary.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Provide suitable ventilation. Use any necessary personal protective equipment. Avoid contact with skin and eyes, and avoid creation and inhalation of vapor or dust. Keep all unnecessary personnel away.
For personal protection see section 8

Environmental precautions

Prevent product from entering public sewers and waterways.

Methods and material for containment and cleaning up

Use inert absorbent material to absorb any spilled or leaked product. Keep in suitable, closed containers for disposal.
For proper disposal see section 13

SECTION 7: Handling & Storage

Precautions for safe handling

Provide suitable ventilation. Wear any necessary personal protective equipment.
For precautions see section 2

Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool.
Incompatible materials: Not available

SECTION 8: Exposure Controls / Personal Protection

Control parameters

This product is not known to contain any substances with occupational exposure limit values.

Engineering controls

Personal protective equipment

Eye/face protection:	Use only government-approved safety glasses with side-shields.
Skin protection:	Use gloves when handling product. Inspect gloves before use to ensure suitability for use. Remove without exposing skin to the gloves outer surface. Wash hands with soap and water.
Body protection:	Wear appropriate clothing. Ensure clothing is in good condition, with no holes or tears. When selecting clothing, consider the concentration and amount of substance to be handled.
Respiratory protection:	Use only approved respirators and components which comply with CDC and NIOSH (US) or CEN (EU) reg
Control of environmental exposure:	No special environmental precautions.
General hygiene considerations:	Comply with general industrial hygiene practice guidelines.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance	Form: liquid
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

Other safety information

no data available

SECTION 10: Stability & Reactivity

Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability

Stable under normal conditions.

Stability note(s)

No special or unusual instability known.

Polymerization

No known polymerization.

Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

Incompatible materials

Not available

SECTION 11: Toxicological Information

Acute toxicity

LD50 Oral: No toxicity data available.
LD50 Dermal: No toxicity data available.
LC50 Inhalation: No toxicity data available.

Skin corrosion/irritation

No skin/corrosion irritation data available.

Serious eye damage/eye irritation

No eye damage/irritation data available.

Respiratory or skin sensitization

No sensitization data available.

Germ cell mutagenicity

No mutagenicity data available.

Carcinogenicity

IARC: Product and components are not regulated by the IARC.
ACGIH: Product and components are not regulated by the ACGIH.
NTP: Product and components are not regulated by the NTP.
OSHA: Product and components are not regulated by OSHA.

Reproductive toxicity

No reproductive toxicity data available.

Specific target organ toxicity – single exposure

No specific organ toxicity data available.

Specific target organ toxicity – repeated exposure

No specific organ toxicity data available.

Aspiration hazard

No aspiration hazard data available.

Additional Information

RTECS: No RTECS data available.

SECTION 12: Ecological Information

Toxicity

No ecological toxicity data available.

Aquatic toxicity

No aquatic toxicity data available.

Persistence and degradability

No persistence/degradability data available.

Bioaccumulative potential

No bioaccumulation data available.

Mobility in soil

No soil mobility data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment is not required/was not conducted.

Other adverse effect

No other adverse effect data available.

SECTION 13: Disposal Considerations

Product

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult and adhere to local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Packaging

Packaging should be disposed of in the same manner as unused product.

Recommendation

Disposal must be made according to official regulations.

SECTION 14: Transport Information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory Information

SARA

SARA 302: This product and components are not subject to the reporting requirements of SARA

SARA 313: This product does not contain any components with known CAS numbers that exceed the threshold reporting levels established by SARA

SARA 311/312: No SARA Hazard

Clean water act (CWA)

No chemicals are present in this product that are subject to regulation under the Clean Water Act.

Right to know components

Massachusetts:

No chemicals are present which require disclosure under the Massachusetts Right to Know Act.

Pennsylvania:

No chemicals are present which require disclosure under the Pennsylvania Right to Know Act.

New Jersey:

No chemicals are present which require disclosure under the New Jersey Right to Know Act.

California proposition 65 components

This product contains no chemicals which are known to the State of California to cause cancer, or birth defects or other reproductive harm.

SECTION 16: Other Information

Disclaimer:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not represent any guarantee of the properties of the product. Cepham Life Sciences Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.