Section 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Lithium Acetate Dihydrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>126-01532, 120-01535</td>
</tr>
</tbody>
</table>

Manufacturer  
FUJIFILM Wako Pure Chemical Corporation  
1-2 Doshomachi 3-Chome  
Chuo-ku, Osaka 540-8605, Japan  
Phone: +81-6-6203-3741  
Fax: +81-6-6203-5964

Supplier  
FUJIFILM Wako Pure Chemical Corporation  
1-2 Doshomachi 3-Chome, Chuo-ku, Osaka 540-8605, Japan  
Phone: +81-6-6203-3741  
Fax: +81-6-6203-2029

Emergency telephone number  
+81-6-6203-3741 / +81-3-3270-8571

Recommended uses and restrictions on use  
For research use only

Section 2: HAZARDS IDENTIFICATION

GHS classification  
Classification of the substance or mixture  
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Pictograms  
Signal word none

Hazard statements  
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Precautionary statements-(Prevention)  
• Not applicable

Precautionary statements-(Response)  
• Not applicable

Precautionary statements-(Storage)  
• Not applicable

Precautionary statements-(Disposal)  
• Not applicable

Others  
Other hazards Not available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture  
Substance

Formula  
CH₃COO·Li·2H₂O

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight-%</th>
<th>Molecular weight</th>
<th>ENCS</th>
<th>ISHL No.</th>
<th>CAS RN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithium acetate dihydrate</td>
<td>98.0 - 102.0</td>
<td>102.02</td>
<td>2-692</td>
<td>公表</td>
<td>6108-17-4</td>
</tr>
</tbody>
</table>
Impurities and/or Additives: Not applicable

Section 4: FIRST AID MEASURES

Inhalation
Remove to fresh air. If symptoms persist, call a physician.

Skin contact
Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

Eye contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.

Ingestion
Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

Protection of first-aiders
Use personal protective equipment as required.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media
Water spray (fog), Carbon dioxide (CO2), Foam, Extinguishing powder, Sand

Unsuitable extinguishing media
No information available

Specific hazards arising from the chemical product
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Special extinguishing method
No information available

Special protective actions for fire-fighters
Use personal protective equipment as required. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
For indoor, provide adequate ventilation process until the end of working. Deny unnecessary entry other than the people involved by, for example, using a rope. While working, wear appropriate protective equipments to avoid adhering it on skin, or inhaling the gas. Work from windward, and retract the people downwind.

Environmental precautions
To be careful not discharged to the environment without being properly handled waste water contaminated.

Methods and materials for contaminant and methods and materials for cleaning up
Sweep up and gather scattered particles, and collect it in an empty airtight container.

Recovery, neutralization
No information available

Secondary disaster prevention measures
Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: HANDLING AND STORAGE

Handling
Technical measures
Avoid contact with strong oxidizing agents. Use with local exhaust ventilation.

Precautions
Do not rough handling containers, such as upsetting, falling, giving a shock, and dragging. Prevent leakage, overflow, and scattering. Not to generate steam and dust in vain. Seal the container after use. After handling, wash hands and face, and then gargle. In places other than those specified, should not be smoking or eating and drinking. Should not be brought contaminated protective equipment and gloves to rest stops. Deny unnecessary entry of non-emergency personnel to the
Safety handling precautions
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Storage
Safe storage conditions
Store away from sunlight in well-ventilated place at room temperature (under 25 °C).
Keep container tightly closed.

Safe packaging material
Glass

Incompatible substances
Strong oxidizing agents

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls
In case of indoor workplace, seal the source or use a local exhaust system. Provide the safety shower facility, and hand- and eye-wash facility. And display their position clearly.

Exposure limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Personal protective equipment
Respiratory protection
Dust mask
Hand protection
Protection gloves
Eye protection
protective eyeglasses or chemical safety goggles
Skin and body protection
Long-sleeved work clothes

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form
Color
white
Appearance
crystals - crystalline powder or mass

Odor
No data available

Melting point/freezing point
No data available
Boiling point, initial boiling point and boiling range
No data available
Flammability
No data available
Evaporation rate:
No data available
Flammability (solid, gas):
No data available
Upper/lower flammability or explosive limits
Upper :
No data available
Lower :
No data available
Auto-ignition temperature:
No data available
Decomposition temperature:
No data available
pH
7.0 - 9.4 (50 g/l, 25°C)
Viscosity (coefficient of viscosity)
No data available
Dynamic viscosity
No data available
Solubilities
water : freely soluble . Ethanol and acetone : slightly soluble
n-Octanol/water partition coefficient:(log Pow)
No data available
Vapour pressure
No data available
Specific Gravity / Relative density
1.300 g/cm3
Vapour density
No data available
Particle characteristics
No data available

Section 10: STABILITY AND REACTIVITY

Stability
Reactivity
No data available
Chemical stability
Stable under recommended storage conditions.
Hazardous reactions
None under normal processing

Conditions to avoid
Extremes of temperature and direct sunlight

Incompatible materials
Strong oxidizing agents

Hazardous decomposition products
Carbon monoxide (CO), Carbon dioxide (CO2), Metal oxides

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity
No data available

Skin irritation/corrosion
No data available
Serious eye damage/irritation
No data available
Respiratory or skin sensitization
No data available
Reproductive cell mutagenicity
No data available
Carcinogenicity
No data available

Reproductive toxicity
No data available
STOT-single exposure
No data available
STOT-repeated exposure
No data available
Aspiration hazard
No data available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity
No information available

Other data
No data available

Persistence and degradability
No information available
Bioaccumulative potential
No information available
Mobility in soil
No information available
Hazard to the ozone layer
No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated container and contaminated packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORT INFORMATION

ADR/RID
Not regulated
UN number
-
Proper shipping name:

UN classification

Subsidiary hazard class

Packing group

Marine pollutant
Not applicable

IMDG
Not regulated
UN number
-
Proper shipping name:

UN classification
**Subsidiary hazard class**
- Marine pollutant (Sea)
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

**IATA**
- Not regulated

**UN number**
- 

**Proper shipping name:**
- 

**UN classification**
- 

**Subsidiary hazard class**
- Environmentally Hazardous Substance
- Not applicable

**Section 15: REGULATORY INFORMATION**

**International Inventories**
- EINECS/ELINCS
- TSCA

**Japanese regulations**
- Fire Service Act
- Poisonous and Deleterious Substances Control Law
- Industrial Safety and Health Act
- Regulations for the carriage and storage of dangerous goods in ship
- Civil Aeronautics Law
- Pollutant Release and Transfer Register Law
- Export Trade Control Order
- Not applicable

**Section 16: OTHER INFORMATION**

**Key literature references and sources for data etc.**
- NITE: National Institute of Technology and Evaluation (JAPAN)
- IATA dangerous Goods Regulations
- RTECS:Registry of Toxic Effects of Chemical Substances
- Japan Industrial Safety and Health Association GHS Model SDS
- Dictionary of Synthetic Oraganic Chemistry , SSOCJ, Koudansha Scientific Co.Ltd.
- Chemical Dictionary, Kyouritsu Publishing Co., Ltd.
- etc

**Disclaimer**
This SDS is according to JIS Z 7253: 2019. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GHS Classification is according to JIS Z7252(2019). *JIS: Japanese Industrial Standards*