

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name:	PALCAM Medium Base
Product Number:	EX-CM509
Company:	BEIJING LAND BRIDGE TECHNOLOGY CO.,LTD.
Address:	NO.3 Gaobeidian North Road,Chaoyang District,Beijing, China
Postal code:	100123
Telephone:	010-51203999
Fax:	010-51349510
E-mail address:	info@beijinglandbridge.com
Recommended use and limited use:	Biochemical research / analysis

2. HAZARDS IDENTIFICATION

Summary of emergency:

If breathed in, move person into fresh air; rinse with water or shower immediately after contact with skin; In case of contact with eyes, flush eyes with water; In case of ingestion, rinse mouth with water. Seek medical advice immediately if you feel unwell.

GHS Classification

Acute toxicity (Oral) Category 5

Eye irritation Category 2A

Skin irritation Category 2

Label element:

Pictogram:



Signal word: Warning

Hazard statement(s):

H303 Harmful if swallowed.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Precautionary statement(s):

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Storage:

Lock the storage area.

Disposal:

Dispose according to state regulations.

Physical and chemical hazards:

Referring to current information, no physical or chemical hazard.

Health hazards:

Referring to current information, no physical or chemical hazard.

Environmental hazards: Referring to current information, no physical or chemical hazard.

Other hazards: No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures: Chemical composition refer to the components on the medium label.

Component	Serial number	Concentration
Lithium chloride	CAS: 7447-41-8 EC: 231-212-3	20.86%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:	No special measures
Inhalation:	Move to fresh air. Get medical attention immediately if symptoms occur.
Skin Contact:	Rinse immediately with water.
Eye Contact:	Immediately lift the eyelids and rinse with plenty of running water. Get medical attention if symptoms occur.
Ingestion:	Rinse mouth with water. Seek medical attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of any immediate medical attention and special treatment required

No data available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous Combustion Products:	No combustion supporting
Special hazards arising from the substance or mixture:	Carbon oxides, Sulphur oxides, Oxides of phosphorus, Hydrogen chloride gas, Hydrogen iodide, Potassium oxides, Sodium oxides, Magnesium oxide
Advice for firefighters:	Wear self-contained breathing apparatus to extinguish the fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear experimental clothes, gloves and masks to avoid inhaling dust
Environmental precautions:	Prevent further leakage or spillage on the premise of ensuring safety.

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Methods and materials for containment and cleaning up:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable closed containers for disposal (refer to protective measures listed in section 13). Clean the contaminated area, then alcohol disinfection.
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7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities:	Keep container tightly closed and store at a cool dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Measures:

Provide emergency shower installations and eye showers.

8.2 Personal protective equipment:

Respiratory protection:	Wear a mask.
Eye protection:	Wear safety glasses with side-shields.
Hand protection:	Wear disposable latex or plastic gloves, wash hands before and after work.
Body Protection:	Wear experimental clothes, change dirty clothes in time.

Note: Select appropriate protective measures in accordance with the working conditions and the concentration of hazardous substances, and the chemical resistance of protective measures shall be provided by the manufacturer.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form:	See details in COA	Odour:	No pungent odor
pH:	7.2±0.2 (25°C)	Water solubility:	Good solubility, clear and transparent without precipitation after the fully dissolution
Melting point /freezing point:	No data available	Flash point:	No data available
Initial boiling point and boiling range:	No data available		
Explosive limits:			
Upper:	No data available	lower:	No data available
Vapour pressure:	No data available	Vapour density:	No data available
Relative density:	No data available	Partition Coefficient: (n-octanol/water)	No data available
Autoignition	No data available	Decomposition	No data available

temperature:		temperature:	
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10. STABILITY AND REACTIVITY

Stability:	Sealed stored in suitable conditions can be stored for 3 years without deterioration. Opened stored in suitable conditions can be stored for 6 months without deterioration.
Conditions to avoid:	No data available
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Mixture ATE-2396.93mg/kg (Oral)		
Skin corrosion/irritation:	Lithium chloride is ≥10% in the mixture.	Eye damage/irritation:	Lithium chloride is ≥10% in the mixture.
Respiratory or skin sensitization:	No data available	Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available	Reproductive toxicity:	No data available
Specific target organ toxicity:			
Single exposure:	No data available	Aspiration hazard:	No data available
Repeated exposure:	No data available		
Potential health effects:			
Inhalation:	May cause respiratory tract irritation	Ingestion:	May be harmful if swallowed
Skin:	May cause skin irritation	Eyes:	May cause eye irritation

12. ECOLOGICAL INFORMATION

Toxicity:	No data available		
Persistence and degradability:	No data available	Bioaccumulative potential:	No data available
Mobility in soil:	No data available		

13. DISPOSAL CONSIDERATIONS

Product:

Dispose of in accordance with applicable local waste disposal regulations. (For information on authorized chemical waste processors and their contact details, please refer to the data available at www.mee.gov.cn.)

Contaminated packaging:

Dispose of as unused product.

14. TRANSPORT INFORMATION

UN number:	Not dangerous goods.
UN proper shipping name:	Not dangerous goods.
IATA:	Non-hazardous for air transport dangerous goods.
Packaging group:	Not dangerous goods.
Packing method:	Packing according to manufacturer's method.
Marine pollutant(Yes/No):	No.
Transportation Precautions:	Please select the appropriate means of transportation and corresponding transportation and storage conditions according to the nature of chemicals.

15. REGULATORY INFORMATION**Occupational Disease Prevention Law of the People's Republic of China:**

Classification of Occupational Disease Hazard Factors: Uncatalogued

GBZ2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace

Part 1 Chemical Harmful Factors: Uncatalogued

Regulations on the Safety Management of Hazardous Chemicals:

Hazardous and Chemicals Catalogue: Uncatalogued

Explosive Hazardous Chemicals Catalogue: Uncatalogued

Hazardous Chemicals under Key Supervision Catalogue :

Hazardous Chemicals under Key Supervision Catalogue: Uncatalogued

Measures for Environmental Management of New Chemical Substances:

Inventory of Existing Chemical Substances in China: Uncatalogued

Other:

Toxic and Hazardous Air Pollutants Catalogue: Uncatalogued

Prohibited Imports and Prohibited Exports Catalogue: Uncatalogued

Air Transport Dangerous Goods Catalogue: Uncatalogued

Inland Water Embargoed Hazardous Chemicals Catalogue: Uncatalogued

16. OTHER INFORMATION**This revision revises the following sections:**

Part 9 - Description of appearance and properties.

The third part: information on hazardous substances in mixtures

Part 13 - Recommendations for waste disposal.

Part 15 - Updating existing national laws and regulations.

Training advice:

It is recommended that operators be provided with adequate information, guidance and training.

The above information is believed to be correct, but is not inclusive of all information and is used as a guide only.

The information in this document is based on our current knowledge as to the correct safety instructions applicable to this product.