FoodChek™
Food safety, simplified.

Suite 450, 1414 – 8 St. S.W.
Calgary, Alberta, T2R 1J6
Canada

P: (403) 269-9424
F: (403) 263-6357
www.foodcheksystems.com

# Material Safety Data Sheet

## Section 1 - Product and Company Information

| | |
|---|---|
| **Product Name:** | **Actero™ Palcam Agar - Dehydrated Culture Media** |
| **Catalog Number:** | FCM-102- Palcam Agar (500 G)<br>FCM-101- Palcam Agar (2 KG)<br>FCM-100- Palcam Broth Agar (10 KG) |
| **Manufacturer:** | FoodChek Systems |
| **Address:** | 1414 8th Street S.W.<br>Calgary, Alberta, Canada, T2R 1J6 |
| **Phone:** | (403) 263-6357<br>(877) 298-0208 |

## Section 2 - Composition / Information on Ingredients

**Chemical Characterization:**
**Description:** This product is a mixture of the substances listed below along with nonhazardous additions. Any other hazardous ingredients within the product not listed below, are at concentrations lower than the regulatory threshold limits specified by 29 CFR 1910.1200.

| CAS # | Hazardous Ingredients |
|---|---|
| 7447-41-8 | Lithium Chloride |

## Section 3 - Hazards Identification

**Hazard Overview:** Causes irritation in case of eye contact, ingestion or inhalation. May cause skin irritation.

**NFPA Rating**

Health - 1
Fire - 0
Reactivity - 0

## Section 4 - First Aid Measures

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|---|---|
| **General Advice:** | Consult a physician. Show this safety data sheet to the doctor in attendance. |
| **Inhalation:** | If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician. |
| **Ingestion:** | Never give anything by mouth to an unconscious person. Consult a physician. |
| **Skin Contact:** | Wash off with soap and plenty of water. Consult a physician. |
| **Eye Contact:** | Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician. |

## Section 5 - Fire Fighting Measures

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|---|---|
| **Suitable Extinguishing Media:** | Use water spray, carbon dioxide, dry chemical powder or alcohol resistant foam. |
| **Protective Equipment:** | Wear protective clothing and self-contained breathing apparatus for firefighting if necessary. |

## Section 6 - Accidental Release Measures

| | |
|---|---|
| **Personal Precautions:** | Use personal protective equipment. Avoid dust formation or breathing vapor's, mist or gas. Ensure adequate ventilation. Avoid breathing dust. |
| **Methods for Clean Up:** | Pick up and arrange disposal without crating dust. Wipe up with a damp sponge and transfer to suitable closed containers for disposal. |

## Section 7 - Handling and Storage

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|---|---|
| **Safe Handling:** | Avoid contact with shin or eyes. Avoid formation of dust or aerosols. Provide appropriate exhaust ventilation at locations where dust is formed. |
| **Storage:** | Keep container tightly closed in a cool dry place in accordance with specified storage conditions. |

## Section 8 - Exposure Controls and Personal Protection Equipment

**Personal protective equipment**
**Respiratory protection**
For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
**Hand protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
**Eye protection**
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
**Skin and body protection**
Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
**Hygiene measures**
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

## Section 9 - Physical and Chemical Properties

| | |
|---|---|
| **Appearance** | |
| **Physical State:** | Powder |
| **Color:** | Beige to Tan |
| | |
| **Safety Data** | |
| **pH:** | 7.2+/- 0.2 |
| **Boiling Point:** | No data available |
| **Melting Point:** | No data available |
| **Flash Point:** | No data available |
| **Ignition Temperature** | No data available |
| **Auto igniting Temp:** | No data available |
| **Explosion Limits:** | No data available |
| **Vapor Pressure:** | No data available |
| **Density:** | No data available |
| **Odor** | Distinct |
| **Solubility:** | Soluble |

## Section 10 - Stability and Reactivity

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|---|---|
| **Stability:** | Stable under recommended storage conditions |
| **Materials to be Avoided:** | Strong oxidizing agents. |
| **Decomposition Products:** | Hazardous products formed under fire conditions; Carbon oxides, nitrogen oxides, hydrogen chloride gas, sodium oxides, lithium oxides.<br>Other Decomposition products; no data available |

## Section 11 - Toxicological Information

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|---|---|
| **Skin Contact:** | Irritating to the skin and mucous membranes. |
| **Eye Contact:** | Irritating effect.. |
| **Ingestion:** | May cause irritation by ingestion. |
| **Inhalation:** | May cause irritation by inhalation. |
| **Sensitization:** | Not available |
| **Target Organs:** | Not available |
| **Additional toxicological information:** | Irritant |

**Toxicity Data:** LD/Lc50 values that are relevant for classification

| **7447-41-8** | **Lithium Chloride** | |
|---|---|---|
| Oral | LD50 | 526 mg/kg (rat) |

## Section 12 - Ecological Information

| | |
|---|---|
| **Toxicity:** | No data available |
| **General Information:** | No data available |

## Section 13 - Disposal Considerations

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|---|---|
| **Waste Disposal:** | Dispose of in accordance with applicable state and federal regulations.<br>Offer surplus and non-recyclable solutions to a licensed disposal company.<br>This product is not considered a RCRA hazardous waste. |

## Section 14 - Transport Information

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|---|---|
| **DOT (US):** | Not a dangerous good |
| **IATA:** | Not a dangerous good |

## Section 15 - Regulations

**Warning Label Text**

| | |
|---|---|
| **Indication of Hazard:** | IRRITANT, HARMFUL BY INGESTION |
| **Risk Statements:** | Irritating to eyes, skin and respiratory system. Harmful if swallowed. |
| **Safety Statements:** | Avoid contact or inhalation. Refer to MSDS. |

**Carcinogenicity**

| | |
|---|---|
| **NTP:** | No |
| **IARC:** | No |
| **OSHA:** | No |

## Section 16 - Other Information

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. These suggestions should not be confused with state, municipal or insurance requirements, and constitute No Warranty. Microbiology International or FoodChek Systems Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.