

## Safety Data Sheet

### 1. Chemical Product and Company Identification

**Product Name: R & F<sup>®</sup> Anthracis  
Chromogenic Agar**

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SDS  
Revision Date: 6/25/15

Cat. Number: M-0100  
Product type: Bacteriological Media

Company Identification: R & F Products, Inc.  
2725 Curtiss Street  
Downers Grove, IL 60515

Contact: Phone USA  
Emergency Contact: 630-969-5300

Purpose of Medium – For isolating pathogens from foods, environmental and/or clinical sources.

### 2. Hazard Identification

#### GHS - Classification

#### Potential Health Effects

Signal Word  
Not Hazardous

Eyes - May cause eye irritation with susceptible persons  
Skin - May cause skin irritation in susceptible persons.  
Inhalation - May be harmful by inhalation.  
Ingestion - May be harmful if swallowed.

Health Hazards  
Not Hazardous

Physical Hazards  
Not Hazardous

### 3. Chemical Characterization

<u>Chemical(s)</u>	<u>%</u>	<u>CAS NO.</u>	<u>EC Number</u>	<u>Symbol</u>	<u>R-phrase</u>
Cycloheximide	0.34	66-81-9	200-636-0	C15H23NO4	N/AP
Lithium Chloride	3.37	7447-41-8	231-212-3	LiCl	N/AP
Sodium pyruvate	16.9	113-24-6	N/AV	C3H3O3Na	N/AP
Meat Protein	8.44	N/AP	N/AP	N/AP	N/AP
Soy Protein	8.44	N/AP	N/AP	N/AP	N/AP
Milk Protein	28.3	N/AP	N/AP	N/AP	N/AP
Agar	25.3	N/AP	N/AP	N/AP	N/AP

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#### **4. First Aid Measures**

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**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

**Skin contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Eye contact:** In case of contact with eyes, flush with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Safety Phrases:**

**Avoid Exposure.** After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately. This material and its container must be disposed of as hazardous waste.

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#### **5. Fire Fighting Measures**

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**Extinguishing media:** Suitable for surrounding fire

**Special Fire Fighting Procedures:** N/AV

**Unusual Fire and Explosion Hazards:** Emits toxic fumes under fire conditions.

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#### **6. Accidental Release Measures**

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**Instructions:** Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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#### **7. Handling and Storage**

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**Handling:** Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

**Storage:** Keep tightly closed and store at 2-8°C.

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#### **8. Exposure Controls/ Personal Protection**

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Safety shower and eye bath. NIOSH/MSHA-approved respirator. Compatible chemical-resistant gloves. Chemical safety goggles. Wash contaminated clothing before reuse. Wash thoroughly after handling.

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#### **9. Physical and Chemical Properties**

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**Physical state:** Free Flowing Powder and Homogeneous.

**Color:** Light Beige

**Solubility:** Complete upon boiling.

**Flash Point:** N/AV

**Boiling Point:** N/AV

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## **10. Stability and Reactivity**

Stable under normal conditions.

Incompatibilities: Strong Oxidizing Agents. Strong acids. Protect from moisture.

Hazardous decomposition products – Not under normal use conditions.

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## **11. Toxicological Information**

Cycloheximide: LD50: Oral Rat – 2 mg/kg

Lithium Chloride: LD50: Oral Rat – 526 mg/kg

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## **12. Ecological Information**

RTECS: Cycloheximide MA4375000

RTECS: Lithium Chloride OJ595000

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## **13. Disposal Considerations**

All microbiological waste should be autoclaved and transported to a licensed facility for disposal.

If a liquid, mix with a combustible solvent and burn in a chemical incinerator that is equipped with an afterburner and scrubber.

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## **14. Transportation Information**

Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labeling for air, maritime, US or European ground transport purposes.

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### **15. Regulatory Information**

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**CERCLA:** This product does not contain chemicals having a Reportable Quantity (RQ).

**SARA 311/312:** May be subject to reporting.  
**313:** Not subject to reporting.

**TSCA:** This product is exempt under TSCA.

**Water hazard class:** Water danger class 3: extremely hazardous for water.

**Hazard determining component:** Cycloheximide

**PROPOSITION 65:** Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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### **16. Other Information**

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Reason for revision; Compliance for SDS protocol.

Not intended for human or animal diagnostic or therapeutic uses.

The above information was obtained by thorough search and the recommendations are based on application of professional judgment. To the best of our knowledge, the information contained herein is accurate. R & F Products assumes no liabilities for accuracy or completeness of the information contained herein

Conforms to 93/112/EC, ISO 11014-1 and OSHA Standard 29CFR 1910.1200 revised in 2012

**End of Safety Data Sheet**