

Safety Data Sheet

1. Chemical Product and Company Identification

Product Name: R & F® *Bacillus cereus* Group (BCG) Supplement for Enrichment Broth

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SDS:

Revision Date: 6/26/2025

Cat. Number: M-2110

Product type: Bacteriological Supplement

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

Chemical(s)	%	CAS NO.	EC Number	Symbol	R-phrase
Polymyxin B Sulfate	63.5	1405-20-5	215-774-7	C ₅₅ H ₉₆ N ₁₆ O ₁₃ · 2H ₂ SO ₄	N/AP
Ceftazidime Pentahydrate	36.5	72558-82-8	276-715-9	C ₂₂ H ₂₂ N ₆ O ₇ S ₂ · 5H ₂ O	N/AP

4. First Aid Measures

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:

N/AP

5. Fire Fighting Measures

Extinguishing media: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam. Suitable for surrounding fire

Special Fire Fighting Procedures: N/AV

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

6. Accidental Release Measures

Instructions: 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.

7. Handling and Storage

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 -10°C or below.

8. Exposure Controls/ Personal Protection

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.

9. Physical and Chemical Properties

Physical state: Powder free flowing, homogenous

Color: Off White

Solubility: In water at room temperature

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.

11. Toxicological Information

May be harmful by inhalation, ingestion, or skin absorption.

Polymyxin B sulfate LD50: Oral Mouse = > 790 mg/kg

12. Ecological Information

RTECS: Polymyxin B Sulfate TR1150000

13. Disposal Considerations

Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Observe all local and national regulations when disposing of this product.

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

SARA 311/312/302 -- This product complies. Hazard class: None
SARA 313 Listed: No
TSCA Inventory item: Yes
CERCLA – This product contains no reportable quantity (RQ) substances.
RECRA – N/AV

PROPOSITION 65: N/AV

16. Other Information

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