

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078461787

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078600433

**MATERIAL SAFETY DATA SHEET**

PAGE 1 OF 4

Bio-Nutrition ErythroPro Gel

BioNutrition, LLC  
1626 Via Turquesa  
Las Cruces NM 88007  
(575) 647-3166 PHONE  
(505) 212-0544 FAX

DATE PREPARED  
6/28/05

SUPERSEDES

MSDS NUMBER  
578430

**Section 1. PRODUCT IDENTIFICATION**Synonym(s):

Chemical Name(s) of Primary Component(s)  
N/A

CAS Number(s)Chemical Formula**Section 2. INGREDIENTS/SUMMARY OF HAZARDS**INGREDIENTSCAS Number(s)

OSHA Hazardous (H)/  
Non-Hazardous (NJ)

Percent

N/A

SARA Title III Hazard Classifications

- |  |  |
|--|--|
| <input type="checkbox"/> Immediate (Acute Health Hazard  | <input type="checkbox"/> Sudden Release of Pressure Hazard |
| <input type="checkbox"/> Delayed (Chronic) Health Hazard | <input type="checkbox"/> Reactive Hazard                   |
| <input type="checkbox"/> Fire Hazard                     | <input checked="" type="checkbox"/> Not Hazardous          |

WARNING STATEMENTS:

Based on currently available data, this product does not meet the OSHA definition of a hazardous substance.  
However, good industrial hygiene practices should be used in handling it.

**Section 3. PHYSICAL DATA**

Melting Point (° F):	N/A
Boiling Point (° F)	N/A
Vapor Pressure (mmHg at 20° C):	N/A
Vapor Density (air = 1):	N/A
Solubility in Water:	Slightly soluble
Specific Gravity:	N/A
Evaporation Rate (butyl acetate = 1)	N/A
% Volatile by Volume:	N/A
Appearance/Odor:	Dark Brown Oil-based Gel
pH:	N/A

**Section 4. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (° F)/Method:	Not established	UFL
Flammable Limits: LFL	Not flammable	
Extinguishing Media:	<input type="checkbox"/> Water Fog	<input checked="" type="checkbox"/> Foam
	<input checked="" type="checkbox"/> Dry Chemical	<input checked="" type="checkbox"/> CO <sub>2</sub>
	<input type="checkbox"/> Other (specify):	

**MATERIAL SAFETY DATA SHEET**

PAGE 2 OF 4

Bio-Nutrition Erytho ProGel

Special Fire Fighting Procedures:

The gel should be relatively unreactive with normal feed plant process chemicals or products. Gels and/or plastic syringes may produce irritating or toxic combustion products when heated to decomposition. Firefighters should wear self-contained breathing apparatus and full protective equipment in fire situations.

Unusual Fire and Explosion Hazards:

Gels are not combustible and not flammable. Class B Fire; application of water to burning oil can cause splattering. Oil will float on water.

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**Section 5. REACTIVITY DATA**

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Stability: ( ) Unstable ( x ) Stable

Conditions to avoid: None

Incompatibility (materials to avoid):

( ) Water ( ) Strong acids ( ) Strong bases  
( ) Reducing agents ( ) Strong oxidizing materials ( ) Combustible materials  
( ) Other (Specify):

Hazardous Decomposition Products or Byproducts:

None

Hazardous polymerization: ( ) May occur ( x ) Will not occur.

Conditions to avoid: None

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**Section 6. HEALTH HAZARD DATA/FIRST AID PROCEDURES**

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EXPOSURE LIMITS IN AIR

Chemical Name(s)	ACGIH (TLV)	OSHA (TWA)	OTHER
N/A			

EFFECTS OF SINGLE OVEREXPOSURE

Swallowing: N/A  
Skin Absorption: N/A  
Inhalation: N/A  
Skin Contact: N/A  
Eye Contact: N/A

EFFECTS OF REPEATED OVEREXPOSURE:

No adverse effects found.

CARCINOGENICITY:

Not listed by NTP, IARC or ACGIH

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO MAN:

No additional data found.

## MATERIAL SAFETY DATA SHEET

Bio-Nutrition Erytho ProGel

PAGE 3 OF 4

### HEALTH HAZARD DATA/FIRST AID PROCEDURES CONT.

#### MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY OVEREXPOSURE:

None known.

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#### FIRST AID PROCEDURES

EYES: Flush eyes with water for at least 15 minutes. Get medical attention for irritation.

SKIN: Wash from skin with soap and water. Get medical attention for reddened or irritated skin.

INHALATION: Remove to fresh air. Restore breathing. Get medical attention.

INGESTION: Dilute with water or milk. Get medical attention. Take product label for identification.

#### NOTE TO PHYSICIAN:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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### Section 7. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED: Notify management of material spills. Product spills should be placed in recovery systems, or be shoveled into closed containers for disposal.

WASTE DISPOSAL METHOD: Disposal: place spills in recovery systems, or place spilled material in an approved sanitary landfill or incinerator. Follow federal, state and local regulations for disposal.

HANDLING AND STORAGE: Store gels in a cool, dry place, away from sources of high heat. Protect containers from damage. Keep containers closed when not in use.

OTHER PRECAUTIONS: Use a NIOSH approved respirator if dust generation occurs or is anticipated during use. Use other protective equipment as required by process or additive addition conditions. Avoid product contact with skin or eyes. Wash thoroughly after handling. **WARNING DO NOT TAKE THESE PRODUCTS INTERNALLY. MAY BE HARMFUL IF SWALLOWED. DO NOT BREATHE PRODUCT DUST.** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from children. Keep container closed.

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### Section 8. CONTROL MEASURES AND WORKER PROTECTION INFORMATION

Respiratory Protection (specify type): N/A

Ventilation: Local exhaust recommended

Protective Clothing: Protective clothing not necessary

Eye Protection: ( ) Safety Glasses with Side Shields  
( ) Chemical Workers Goggles  
( ) Gas-tight Goggles or Equivalent  
( x ) Other (specify): Optional

#### Other Protective Equipment:

Protective gloves optional. Maintain a sink in the work area.

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Section 9. REGULATORY STATUS

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TSCA Inventory Status:

Transportation Status:

Reportable Quantity (RQ), under U.S. EPS CERCLA:

Specifically Listed under SARA title III:

- ( ) Section 302 Extremely Hazardous Substance
- ( ) Section 313 Toxic Chemicals
- ( ) Not listed

State/International Right-to-Know Regulations:

Particulate not otherwise regulated  
Not Listed

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Section 10. REFERENCES

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(1) Supplier MSDS

The information herein is given in good faith but no warranty, expressed or implied, is made.

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA's Hazard Communication  
Standard, 29 CFR 1910 – 1200

U.S. Department of Labor  
Occupational Safety and Health  
Administration, Form Approved  
OMB No. 1218-0072

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**Identity:** Bio-Nutrition Equine Erytho PLUS Granules

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**Section I:**

Manufacturers name: Bio-Nutrition, LLC  
Address: 1626 Via Turquesa  
Las Cruces, New Mexico 88007  
Telephone Number: (575) 647-3166  
Telefax Number: (505) 212-0544

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**Section II: Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL	ACGIH	TLV	Other Limits Recommended
None	N/A	N/A	N/A	N/A

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**Section III: Physical/Chemical Characteristics**

Boiling Point:	N/A	Specific Gravity:	N/A
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
Solubility in Water:	Less than 95%		
Appearance and Odor:	Slight apple and molasses flavor		

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**Section IV: Fire and Explosion Hazard Data**

Flash Point:	N/A	Flammable Limits:	N/A
Extinguishing Media:	Water	LEL and UEL:	N/A
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards:	None		

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## Section V, Reactivity Data

Stability:	Stable	Conditions to Avoid:	None
Incompatibilities:	None		
Hazardous Decomposition or Byproducts:	None		
Hazardous Polymerization:	Will not occur		

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## Section VI: Health Hazard Data

Routes of Entry:	Inhalation?	Skin?	Ingestion?
	Possible dust	Possible allergies	None
Health Hazards:	Possible dust		
Carcinogenicity:	N/A	NTP:	None
IARC Monographs:	N/A	OSHA Regulated:	None
Sign and Symptoms of Exposure:		Sneezing, wheezing, or skin rash	
Medical Conditions Generally Aggravated by Exposure:			
	Some people with known allergies to apples or animal products		
Emergency/First Aid Procedures:	Wash with soap and flush areas with sufficient amounts of water		

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## Section VII: Precautions for Safe Handling and Use

Special Steps to be Taken in Case Material is Released or Spilled: None

Water Disposal Method: Local landfill is acceptable

Precautions to be Taken in Handling and Storing:

People allergic to apples or animal products may sneeze, wheeze, or develop a skin rash

Other Precautions: None

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## Section VIII: Control Measures

Respiratory Protection:	Dust mask if allergic
Ventilation-Local Exhaust:	Whenever necessary
Ventilation-Mechanical:	Whenever necessary
Protective Gloves:	Need only if allergic to product to protect oneself for skin contact
Other Protective Equipment and Clothing:	None
Work/Hygienic Practices:	None