

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bud Blood
MANUFACTURED BY: Advanced Nutrients U.S. LLC,
1625 Heritage Way
Woodland, WA 98674 USA
Product Information Telephone Number: (604) 854-6793 (9:00-5:00pm PST)
Fax Number: (604) 854-4371
www.advancednutrients.com

24 HOUR TRANSPORTATION EMERGENCY NUMBER: Advanced Nutrients (604)-835-8088 U.S. & CANADA INTERNATIONAL

2. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION CAS NUMBER WEIGHT PERCENT EXPOSURE LIMITS

Potassium Nitrate Non-hazardous materials per N/A Balance N/A
OSHA UN1486
N/E – None Established
N/A – Not Applicable

Thiamine Hydrochloride
Non-hazardous materials per N/A Balance N/A
OSHA UN1486
N/E – None Established
N/A – Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Red Powder/Thiamene odour.
EYE CONTACT: Irritation upon direct contact.
SKIN CONTACT: None (Irritation or possible sensitization with certain individuals).
INGESTION: Non toxic (administer water to conscious victim).
INHALATION: Irritation may occur but non toxic
CHRONIC: Not established.

4. FIRST AID MEASURES

EYE CONTACT: Flush immediately with clean water. Seek immediate medical attention.
SKIN CONTACT: Wash affected areas with soap and water.
INGESTION: Non toxic (administer water to conscious victim).
INHALATION: Irritation may occur but non toxic

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: None METHOD USED: Not applicable
FLAMMABLE LIMITS: LFL: Not applicable UFL: Not applicable
EXTINGUISHING MEDIA: Powder-based product. Non-flammable
FIRE & EXPLOSION HAZARDS: None.
SPECIAL FIRE FIGHTING PROCEDURES: None (non-flammable)

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid discharging powder directly into a sewer or surface waters.

WASTE DISPOSAL METHOD: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. The wastes can be disposed of through a licensed waste disposal company.

7. HANDLING AND STORAGE:

All products are pre-packaged and can stored under normal warehouse guidelines

MATERIAL SAFETY DATA SHEET

8. SPECIAL PROTECTION INFORMATION

NOTE: The product itself does not produce hazardous fumes or vapors. Consequently, no special ventilation or respiratory protection is required under normal operating conditions.

SPECIAL VENTILATION: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: No data.

VAPOR PRESSURE: No data.

VAPOR DENSITY: No data.

SOLUBILITY IN WATER: Complete.

APPEARANCE & ODOR: Tan powder-protein odour.

SPECIFIC GRAVITY: No data.

VOLATILE BY VOLUME: None.

EVAPORATION RATE: No data.

10. STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Refer to Section 3

12. ECOLOGICAL INFORMATION

Information not available.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Transport, storage and disposal of hazardous waste must be carried out by a licensed facility or waste hauler.

14. TRANSPORT INFORMATION

D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:

Potassium Nitrate 5.1 UN 1486 PG:III

DOT Classification: Thiamine Hydrochloride not classified

15. REGULATORY INFORMATION

Not on the Sara 302 list of reportable quantities

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION CODES (NFPA):

HEALTH: 3 FLAMMABILITY: 0

REACTIVITY: 0

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS):

HEALTH: 3 FLAMMABILITY: 0

REACTIVITY: 0 PERSONAL PROTECTION: C

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Advanced Nutrients U.S., LLC. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period. Accordingly, Advanced Nutrients U.S., LLC. will not be responsible for damages of any kind resulting from the use of or reliance upon such information. NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR

Date Revised : 18th March 2009

MATERIAL SAFETY DATA SHEET

PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER TO WHICH THE INFORMATION REFERS. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.