Material Safety Data Sheet

MATRIX NUTRITION

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: FootLocker-G **Product Code:** DS-110

Product Use: Animal Foot Health

Issue Date: October 19, 2009 **Supersedes Date:** October 9, 2009

Manufacturer's Name/Address:
Matrix Nutrition LLC
4120 N. 38th Drive
Phoenix, AZ 85019

24-Hour Emergency Phone Numbers [U.S.A]
Phoenix: (602) 885-0325
CHEMTREC: (800) 424-9300

SECTION 2 HAZARDS IDENTIFICATION

This product is not hazardous. 100% Biodegradable

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	% (BY WEIGHT)
Proprietary Blend	N/A	N/A

SECTION 4 FIRST AID MEASURES

Inhalation: No specific treatment is necessary since FootLocker-G is not likely to be hazardous by inhalation. Prolonged exposure to dust levels in excess of regulatory limits should always be avoided.
Eye Contact: Use eye wash fountain or fresh water to cleanse eye. If irritation persists for more than 30 minutes, seek medical attention.
Skin Contact: No treatment necessary because non-irritating.
Ingestion: Swallowing less than one teaspoon will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water to drink and seek medical attention.
General Hazard: None, because FootLocker-G is not flammable, combustible or explosive. The product itself is a flame retardant.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Any fire extinguishing media may be used on nearby fires.
Flammability Classification (29 CFR 1910, 1200): Non-flammable solid.

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SECTION 6 ACCIDENTAL RELEASE NUMBERS

General: FootLocker-G is a water-soluble white powder that may cause damage to trees or vegetation by root absorption if accidently released as a concentrate. (Refer to Ecological information for specific information)
Land Spill: Vacuum, shovel or sweep up FootLocker-G and place in containers for disposal in accordance with applicable local regulations. Avoid contamination of water bodies during clean up and disposal. No personal protective equipment is needed to clean up land spills.
Water Spill: FootLocker-G will cause localized contamination of surrounding waters depending on the quantity dissolved in these waters. At high concentrations some damage to local vegetation, fish and other aquatic life may be expected. FootLocker-G is a non-hazardous waste when spilled or disposed of, as defined in the Resource Conservation and Recovery Act (RCRA) regulations (40 CFR 261). (Refer to Regulatory Information for additional reference and information regarding California regulations.)

SECTION 7 HANDLING AND STORAGE

Storage Temperature: Ambient
Storage Pressure: Atmospheric
Special Sensitivity: Moisture (Caking)
General: No special handling precautions are required, but dry, indoor storage is recommended. To maintain package integrity and to minimize caking of the product, bags should be handed on a "first-in first out" basis. Good housekeeping procedures should be followed to minimize dust generation and accumulation.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Use local exhaust ventilation to keep airborne concentrations of FootLocker-G dust below permissible exposure levels.
Personal Protection: Where airborne concentrations are expected to exceed exposure limits, NIOSH/MSHA certified respirators must be used. Eye goggles and gloves are not required for normal industrial exposure, but may be warranted if environment is excessively dusty.
Occupational Exposure Limits: FootLocker-G is listed/regulated by OSHA, Cal OSHA and ACGIH as "Particulate Not Otherwise Classified" or "Nuisance Dust".

OSHA: PEL* 15 mg/m³ total dust and 5 mg/m³ respirable dust
ACGIH: TLV** 10 mg/m³
Cal OSHA: PEL*10 mg/m³

***PEL="Permissable Exposure Limit"**
****TLV-"Threshold Limit Value"**

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder
Boiling Point: N/A
Flash Point: None
32.0% @ 50°C;
pH: 8.3 (3.0% solution); 7.6 (10.0% solution) @ 23°C
Odor: Odorless
Vapor Pressure: Negligible @ 20°C
Solubility in Water: 9.5%@20°C;
Formula Weight: 412.52

SECTION 10 STABILITY AND REACTIVITY

General: FootLocker-G is a stable product.
Incompatible Materials and Conditions to Avoid: Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas which could create an explosive hazard.
Hazardous Decomposition: None

SECTION 11 TOXICOLOGICAL INFORMATION

Ingestion (acute oral toxicity): Low acute oral toxicity; LD_{50} of FootLocker-G in rats is 2500 mg/kg of body weight.
Skin (acute dermal toxicity): Low acute dermal toxicity; LD_{50} of FootLocker-G in rabbits is greater than 2000 mg/kg of body weight. FootLocker-G is not absorbed through intact skin.
Primary Skin Irritation Index: 0.5, FootLocker-G is non-corrosive
Eye: Draize test in rabbits produced mild eye irritation effects. Many years of occupational exposure history reflects no indication of human eye injury from exposure to FootLocker-G.
Inhalation: Human epidemiological studies show no increase in pulmonary disease in occupational populations with chronic exposures to boric acid dust and sodium borate dust.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity Data:
Phytotoxicity: Although boron is an essential micronutrient for healthy growth of boron-sensitive plants, it can be harmful to plants in higher quantities. Plants and trees can easily be exposed by root absorption to toxic levels of boron in the form of water-soluable borate leached into nearby soil or waters. Care should be taken to minimize the amount of borate products released to the environment.
Fish Toxicity: Boron naturally occurs in sea water at an average concentration of 5 mg B/liter.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Guidance: Small quantities of FootLocker-G can usually be disposed of at Municipal Landfill sites. No special disposal treatment is required, but refer to state and local regulations for applicable site-specific requirements. Tonnage quantities of product are no recommended to be sent to landfills. Such product should, if possible, be re-used for an appropriate application.
RCRA (40 CFR 261): FootLocker-G is not listed under any sections of the Federal Resource

Conservation and Recovery Act (RCRA).
California Hazardous Waste Designation: California identifies substances with acute LD_{50}'s less than 5000 mg/kg as "hazardous wastes". FootLocker-G is therefore a "hazardous waste" if spilled in California, and should be handled in accordance with applicable state regulations. Refer to Regulatory Information for additional information.

SECTION 14 TRANSPORT INFORMATION

Shipment in the United States of America (DOT): Not Regulated
Shipment by water (IMO): Not Regulated **Shipment by air (ICAO & IATA):** Not Regulated

SECTION 15 REGULATORY INFORMATION

TSCA: It appears under the CAS No. 12008-41-2
CERCLA (RQ): Not listed
SARA Title III: Not listed
California Proposition 65: Not listed
New Jersey: Not listed
Canada – WHMIS: Not listed
Inventories: N/A

SECTION 16 OTHER INFORMATION

Health (NFPA): 0
HMIS® Rating Health: 0 **Flammability:** 0 **Reactivity:** 0
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating system.
Employee Training: Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE

BE SAFE , READ OUR PRODUCT SAFETY INFORMATION BEFORE USING, AND PASS IT ON. Product liability law requires it. The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. The manufacturer provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.