

MATERIAL SAFETY DATA SHEET**BioNhance®**

Bovaird Supply Company, LLC
1547 S. Harvard Ave.
Tulsa, OK 74112
918-293-0223

Apr. 03, 2008

SECTION I - IDENTIFICATION

Product Name:	BioNhance®
Product Type:	Soil Conditioner
Manufacturer:	Bovaird Supply Company, LLC 1547 S. Harvard Ave. Tulsa, OK 74112 United States of America
Toll Free:	1-888-525-5103
Creation Date:	04/03/2008

SECTION II – HAZARDOUS INGREDIENT

None of the ingredients in this product are classified hazardous under OSHA 29 CFR 1910.1200

SECTION III - PHYSICAL DATA

<u>APPEARANCE:</u>	Mixture of brown, black and white particles and/or brown/black dust
<u>ODOR:</u>	Earthy
<u>BULK DENSITY:</u>	375g/l
<u>SOLUBILITY:</u>	Slight
<u>PH:</u>	8.75, 1% wt in water

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>SPECIAL FIRE HAZARDS:</u>	None
<u>FIRE FIGHTING METHOD:</u>	Use water, carbon dioxide extinguishing media.
<u>SPECIAL FIRE PRECAUTION:</u>	Material is slippery when wet.

SECTION V - HEALTH HAZARD DATA

<u>INHALATION:</u>	May cause minor upper respiratory irritation. Avoid dust inhalation by using particulate respirator. Consult with a physician in case of respiratory symptoms occur.
<u>EYE CONTACT:</u>	Wash immediately with water in case of eye contact.
<u>SKIN CONTACT:</u>	Wash with warm soapy water after use.
<u>INGESTION:</u>	Do not give any medication unless specified by a physician. Induce vomiting with physician guidance due to swelling nature of hydro cells in product.

SECTION VI REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None
MATERIALS TO AVOID: Oxidizing agents
POLYMERIZATION: Will not occur

SECTION VII - SPILL, LEAK, AND DISPOSAL INFORMATION

CLEAN UP: Collect the product with suitable means, shovel, and sweep, avoiding dust formation.
WASTE DISPOSAL METHOD: Landfill or agriculture application.
PRECAUTIONS: Spilled material becomes slippery when wet.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

· Store in cool, dry area, avoid water and moisture.

Eye Protection: Wear safety glasses.
Skin Protection: Protective gloves recommended if prolonged use of the product.
Respiratory Protection: Wear particulate respirator to avoid dust inhalation.
Body Protection: No special suits required.
Hygienic Practices: Good housekeeping to minimize dust.

SECTION IX – Transportation and Shipping

DOT Shipping Information: Not regulated.

SECTION X - Other

ECOLOGICAL: Considered non toxic to the aquatic environment.

KEEP OUT OF REACH OF CHILDREN

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CHOUTEAU LIME Co., INC.
GREEN COUNTRY FERTILIZER

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Pryor, Oklahoma 74361
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918-825-1202

**MATERIAL SAFETY DATA SHEET
GREEN COUNTRY FERTILIZER 19-19-19**

PRODUCT CODE GCF/19
DATE PREPARED Nov. 2009

INGREDIENTS AND IDENTITY INFORMATION

INGREDIENTS	CAS #	PEL	TLV
Diammonium Phosphate	7783-28-0	15 mg/m ³ *	10 mg/m ³ *
Granular Urea	57-13-6		
Granular Muriate of Potash	7447-40-7		
		*as nuisance dust.	

PHYSICAL AND CHEMICAL PROPERTIES

BOILING/MELTING POINT 760 mm/Hg
Decomposition begins at 275°F
SPECIFIC GRAVITY (H₂O=1) 1.9
APPEARANCE AND COLOR Red, brown, grey, and white granular solids; slight ammonia odor.

pH 7.5 – 8.5
SOLUBILITY IN H₂O Soluble

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) RANGE: N/A
EXTINGUISHING MEDIA

Use appropriate media to fight surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES

Fire Fight Equipment

Wear protective apparatus to avoid breathing fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

- 1.) The product may burn at a very high temperature, but will not readily ignite.
- 2.) Fire may produce irritating or poisonous gasses.
- 3.) Run off from fire control or dilution may cause pollution.
- 4.) In case of water pollution, contact local authorities.

HEALTH HAZARD INFORMATION

ACUTE ORAL LD₅₀ N/A
ACUTE DERMAL LD₅₀ N/A
PRIMARY DERMAL IRRITATION Contact may cause skin irritation
PRIMARY EYE IRRITATION Contact may cause eye irritation
INHALATION 4 HR. LC₅₀ N/A

ACUTE EFFECTS

Inhalation of dust may be irritating to mucous membranes. If ingested at high concentration, may irritate mouth, throat, gastro-intestinal tract.

EMERGENCY AND FIRST AID PROCEDURES

EYES

Wash thoroughly with running water for at least 15 minutes.

SKIN

Wash thoroughly with soap and water.

INHALATION

Remove to fresh air. Contact medical personnel if symptoms occur.

INGESTION

Immediately contact a physician.

REACTIVITY DATA

MATERIAL REACTS VIOLENTLY WITH:	N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	N/A
HAZARDOUS POLYMERIZATION:	N/A
INCOMPATIBILITY:	N/A

SPECIAL PROTECTION INFORMATION

Protective equipment should be used in the application of this product, including the following:

RESPIRATORY PROTECTION

Where exposure limits are exceeded, wear suitable respirator (MSHA/NIOSH approved or equivalent).

VENTILATION

Work area must have adequate ventilation to limit exposure to this product.

PROTECTIVE CLOTHING

Rubber gloves, long-sleeved shirt, socks and shoes.

EYE PROTECTION

Safety glasses or goggles.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- 1.) Wear gloves, protective clothing and a dust mask.
- 2.) Contain spill.
- 3.) Collect into clean container and mark properly.
- 4.) Recovered products may be applied per label instructions.

SPECIAL PRECAUTIONS

STATEMENT OF PRACTICAL TREATMENT

In case of contact, wash skin with soap and water; for eyes, flush with water for 15-minutes and get medical attention.

CAUTION

Hazardous to humans and domestic animals. Harmful if swallowed. Do not inhale dust. Do not allow contact with skin, eyes, or clothing. Wash hands thoroughly after handling.

ENVIRONMENTAL HAZARDS

Do not apply directly to water.

STORAGE AND DISPOSAL STATEMENTS

STORAGE

Store in original container and keep any bags containing unused product in a locked storage area, inaccessible to children and domestic animals. Do not store near food or feedstuffs. To prevent cross-contamination, do not store near other fertilizer, or near herbicides, insecticides, fungicides, or seeds.

PRODUCT DISPOSAL

To dispose of bags containing, unused product, securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL

Do not reuse empty bag. Fold empty bag and discard in trash.

SUMMARY

The information and statements in these Material Data Sheets are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be constructed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable, depending on particular, exceptional, exceptional or variable conditions or circumstances of use, or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you, and make independent determination of the suitability of the information from all sources, to assure both the proper use of the material described herein and the safety and health of all employees.