



SECTION 1: IDENTIFICATION	
Brand Name:	Pharmgrade
EPA Registration #:	Exempt
Product Name:	NITROS
Chemical Description:	Soil Amendment
Recommended Uses:	Soil Amendment – See product label for full directions for use.
Restrictions for Use:	See product label for any potential restrictions on use.
Distributed By:	
Biorem Inc P. O. Box 1801 Idaho Falls, ID 83401	
FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300 (24 hours)	

SECTION 2: HAZARDS IDENTIFICATION	
EMERGENCY OVERVIEW: Dark brown liquid with musky, citric fermented smell. Exposure could lead to eye irritation and or respiratory discomfort.	
POTENTIAL HEALTH EFFECTS:	
Eyes and Skin: Contact with eyes or skin could lead to irritation.	
Inhalation: Inhaling may cause breathing discomfort.	
Preexisting Conditions: Preexisting respiratory conditions may be aggravated by exposure to dust.	
Chronic Health Effects: None known.	
Carcinogenicity:	NTP: Not listed IARC: Not listed
SIGNAL WORD: None	
Pictogram: None	
HAZARD STATEMENTS: None	
Percent of product with unknown toxicity: None	
PRECAUTIONARY STATEMENTS:	
Prevention:	Wash hands thoroughly after handling. Avoid unnecessary contact with skin and eyes. Avoid breathing dust. Avoid activities such as eating, drinking or smoking while using this product.
Response:	Eyes: Flush eyes with plenty of water. Ingestion: Rinse mouth. Drink Plenty of water. If you feel unwell, call a poison control center or seek medical attention. Inhalation: Remove to fresh air. Seek medical attention if breathing trouble develops. Skin: Wash with soap and water.
Storage:	See Section 7 for storage information.
Disposal:	See Section 13 for disposal information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
No hazardous ingredients present; not hazardous to humans, animals, or plants.

*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i).

See Section 8 for exposure limits.

SECTION 4: FIRST AID MEASURES

Skin: Wash with soap and water.

Eyes: Flush with fresh water.

Inhalation: Remove to open and well-ventilated area.

Ingestion: Drink fresh water

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Chemical type foam, Dry Chemical, Carbon dioxide, Dry chemical, Water fog or jet

Unsuitable Extinguishing Media: None

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.

Environmental Precautions: None

Methods for Containment: Contain spill with mop or absorbent material

Methods for Clean-up: Sweep up absorbent material and dispose. Dispose of mopped up material in sewer.

SECTION 7: HANDLING AND STORAGE

Handling:

Storage: Store in cool, dry area. Keep out of reach of children. Store in a ventilated container during warm temperatures to release gases generated.

Minimum Storage Temperature: Store at room temperature.

Other Precautions: Consult Federal, state and local laws and regulations pertaining to storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Follow first aid instructions. Seek medical attention or contact poison control.

Respiratory Protection: If mist is present, wear NIOSH approved air-purifying respirator with cartridges/canisters approved for general particulates.

Local Exhaust: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

Protective Gloves: Wear gloves as needed

Eye Protection: If mist is present, wear safety glasses with side shield.

Other Protective Clothing or Equipment: Normal clean work clothing. Eyewash fountain in area.

Work/Hygienic Practices: Never eat, drink, nor use tobacco in work areas. Practice good hygiene

Exposure Limits: NA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	liquid	Specific Gravity (H₂O=1):	Not Determined
Vapor Pressure (mm Hg):	Not determined	Density (lbs/gal):	83-94

Vapor Density (Air=1):	Not applicable	Melting Point/Freezing Point:	Not determined
Solubility:	In water	Boiling Point/Range:	Not determined
Viscosity:	Not applicable	pH (5% solution):	Not Determined
Appearance and odor:	Brown liquid. Musky, citric fermented odor	Flash Point:	Not flammable

SECTION 10: STABILITY AND REACTIVITY	
Reactivity: None under normal conditions	
Chemical Stability: Stable no toxic fumes	
Possibility of Hazardous Reactions: Will not occur	
Conditions to Avoid: Avoid excessive heat.	
Incompatible Materials: None known	
Hazardous Decomposition Products: None; Biodegradable	

SECTION 11: TOXICOLOGICAL INFORMATION	
ACUTE TOXICITY	Not acutely toxic.
Eye Effects:	Contact with eyes could lead to mild irritation.
Skin Effects:	Not acutely toxic by dermal exposure
Acute Inhalation Effects:	Inhaling may lead to breathing trouble.
Acute Oral Effects:	Not acutely toxic by oral
Specific Target Organ Toxicity:	None known
CHRONIC TOXICITY	Not chronically toxic.
Chronic Effects:	None known.
Carcinogenicity:	No component is anticipated to have carcinogenic effects.
Mutagenicity:	No component is anticipated to have mutagenic effects.
Teratogenicity:	No component is anticipated to have teratogenic effects.
Reproductive Toxicity:	No component is anticipated to have effects on the reproductive system.
POTENTIAL HEALTH EFFECTS:	
Eyes and Skin: Contact with eyes or skin could lead to irritation.	
Inhalation: Inhaling dust may be harmful and lead to breathing trouble.	
Ingestion:	
Preexisting Conditions: Preexisting respiratory conditions may be aggravated by exposure to dust.	
Chronic Health Effects: None known.	

SECTION 12: ECOLOGICAL INFORMATION	
ENVIRONMENTAL SUMMARY: This product is not known to have acute or chronic toxic effects on aquatic organisms. As a precaution, keep out of waterways, sewers, and bodies of water. Large quantities can kill vegetation.	
ECOTOXICITY DATA:	
Fish Acute and Prolonged Toxicity:	Not determined
Aquatic Invertebrate Acute Toxicity:	Not determined
Aquatic Plant Toxicity:	Not determined
Bird Acute and Prolonged Toxicity:	Not determined
Honeybee Toxicity:	Not determined
ENVIRONMENTAL EFFECTS:	
Soil Absorption/Mobility:	Not determined
Persistence and degradability:	Not determined
Bioaccumulative Potential:	Not determined
Other adverse effects:	Not determined

SECTION 13: DISPOSAL CONSIDERATIONS	
Waste: Use or recycle. As the product is a fertilizer, use as fertilizer following good agronomic practices or consult local authorities. Dispose of in accordance with applicable Federal, state and local laws and regulations.	
Container: Ensure all product has been emptied from the sack/bag. Dispose of emptied container in accordance with applicable Federal, state and local laws and regulations.	
RCRA Characteristics: It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.	

SECTION 14: TRANSPORT INFORMATION	
DOT: (Ground)	This product is not regulated by the U.S. Department of Transportation.
IMDG: (Sea)	This product is not regulated by the IMDG.
IATA: (Air)	This product is not regulated by the IATA.
TDG: (Canada)	Not determined.

SECTION 15: REGULATORY INFORMATION	
OSHA:	This product is not regulated by OSHA.

SECTION 16: OTHER	
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