



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

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

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
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.

<b>SECTION 4: FIRST AID MEASURES</b>
<b>Skin:</b> Wash with soap and water.
<b>Eyes:</b> Flush with fresh water.
<b>Inhalation:</b> Remove to open and well-ventilated area.
<b>Ingestion:</b> Drink fresh water

<b>SECTION 5: FIRE FIGHTING MEASURES</b>
<b>Suitable Extinguishing Media:</b> Chemical type foam, Dry Chemical, Carbon dioxide, Dry chemical, Water fog or jet
<b>Unsuitable Extinguishing Media:</b> None
<b>Special Fire Fighting Procedures:</b> None.
<b>Unusual Fire and Explosion Hazards:</b> None.

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>
<b>Personal Precautions:</b> Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.
<b>Environmental Precautions:</b> None
<b>Methods for Containment:</b> Contain spill with mop or absorbent material
<b>Methods for Clean-up:</b> Sweep up absorbent material and dispose. Dispose of mopped up material in sewer.

<b>SECTION 7: HANDLING AND STORAGE</b>
<b>Handling:</b>
<b>Storage:</b> Store in cool, dry area. Keep out of reach of children. Store in a ventilated container during warm temperatures to release gases generated.
<b>Minimum Storage Temperature:</b> Store at room temperature.
<b>Other Precautions:</b> Consult Federal, state and local laws and regulations pertaining to storage.

<b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
<b>Exposure Guidelines:</b> Follow first aid instructions. Seek medical attention or contact poison control.
<b>Respiratory Protection:</b> If mist is present, wear NIOSH approved air-purifying respirator with cartridges/canisters approved for general particulates.
<b>Local Exhaust:</b> Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.
<b>Protective Gloves:</b> Wear gloves as needed
<b>Eye Protection:</b> If mist is present, wear safety glasses with side shield.
<b>Other Protective Clothing or Equipment:</b> Normal clean work clothing. Eyewash fountain in area.
<b>Work/Hygienic Practices:</b> Never eat, drink, nor use tobacco in work areas. Practice good hygiene
<b>Exposure Limits:</b> NA

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Physical State:</b>	liquid	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	Not Determined
<b>Vapor Pressure (mm Hg):</b>	Not determined	<b>Density (lbs/gal):</b>	83-94
<b>Vapor Density (Air=1):</b>	Not applicable	<b>Melting Point/Freezing Point:</b>	Not determined
<b>Solubility:</b>	In water	<b>Boiling Point/Range:</b>	Not determined
<b>Viscosity:</b>	Not applicable	<b>pH (5% solution):</b>	Not Determined
<b>Appearance and odor:</b>	Brown liquid. Musky, citric fermented odor	<b>Flash Point:</b>	Not flammable

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

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

<b>SECTION 12: ECOLOGICAL INFORMATION</b>	
<b>ENVIRONMENTAL SUMMARY:</b> 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.	
<b>ECOTOXICITY DATA:</b>	
<b>Fish Acute and Prolonged Toxicity:</b>	Not determined
<b>Aquatic Invertebrate Acute Toxicity:</b>	Not determined
<b>Aquatic Plant Toxicity:</b>	Not determined
<b>Bird Acute and Prolonged Toxicity:</b>	Not determined
<b>Honeybee Toxicity:</b>	Not determined
<b>ENVIRONMENTAL EFFECTS:</b>	
<b>Soil Absorption/Mobility:</b>	Not determined
<b>Persistence and degradability:</b>	Not determined

<b>Bioaccumulative Potential:</b>	Not determined
<b>Other adverse effects:</b>	Not determined

<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>	
<b>Waste:</b> 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.	
<b>Container:</b> 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.	
<b>RCRA Characteristics:</b> It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.	

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

<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>OSHA:</b>	This product is not regulated by OSHA.

<b>SECTION 16: OTHER</b>	
<b>Disclaimer:</b> The information presented herein is based on available data from reliable sources and is correct to the best of Biorem's knowledge. Biorem Inc makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.	