

# MATERIAL SAFETY DATA SHEET

<b>MANUFACTURER'S NAME:</b>	New Enterprise Stone & Lime Co., Inc.
<b>ADDRESS:</b>	3580 Division HWY, East Earl, PA 17519
<b>DATE PREPARED:</b>	Revised: 7/8/11 Supersedes: 11/4/09

<b>IDENTITY:</b>	Diamond-Gro™ Compost Diamond-Gro™ Turf Topdressing Diamond-Gro™ Custom Soil Blends Diamond-Gro™ 1" Minus	<b>INFORMATION PHONE #</b>	(717) 354-1300
		<b>EMERGENCY PHONE #</b>	(717) 354-1300

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Material</u> <b>None</b>	<u>(CAS #)</u> <b>N/A</b>	<u>%</u>	<u>ACGIH (TLV)</u> <b>N/A</b>	<u>OSHA (PEL)</u> <b>N/A</b>
--------------------------------	------------------------------	----------	----------------------------------	---------------------------------

Diamond-Gro products are organic blend compost humus soil conditioners derived from 100% agricultural components and processed by aerobic windrow composting. Agricultural input components are wood based livestock bedding (shavings and sawdust) blended livestock manure, hay, straw, spent grain, and vegetative agricultural by-products. Windrow composting facilitates the decomposition and stabilization of these non-hazardous agricultural input components. Diamond-Gro native Blend blends compost with natural topsoil.

## PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Appearance:</b> Dark brown, soil-like, earthy "forest soil" aroma	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 2.6
<b>Vapor Pressure (mm Hg):</b> None	<b>Evaporation Rate (Butyl Acetate=1):</b> None
<b>Vapor Density (air=1):</b> None	<b>Solubility in water (%):</b> Negligible
<b>Bulk Density – 1000-1300 lbs/yd<sup>3</sup></b>	<b>pH:</b> 6.9 – 9

## FIRE AND EXPLOSION HAZARD INFORMATION

<b>Flash point (method used):</b> > 200°	<b>Flammable Limits:</b> LEL - N/A UEL - N/A
<b>Extinguishing media:</b> water, ABC extinguisher, dry foam	<b>Special fire fighting procedures:</b> None
Explosion Hazards: None	<b>Unusual fire or explosion hazards:</b> None
<b>Hazardous Decomposition Products:</b> None	
<b>Firefighting Instructions:</b> Firefighters shall wear a full facepiece self-contained breathing apparatus (SCBA) operated in positive pressure mode and full turnout or bunker gear.	

## REACTIVITY INFORMATION

<b>Stability:</b> Stable, Non-reactive	<b>Hazardous Polymerization:</b> Will not occur
<b>Reactivity/Incompatibility:</b> None	
<b>Hazardous decomposition or byproducts:</b> Slight residual ammonia odor from the aerobic composting decomposition process	

## SAFE HANDLING AND USE (SPECIAL PROTECTION INFORMATION)

Diamond-Gro products are composted organics-blend soil amendments that are physically and chemically stable.

**Engineering Controls:** Typically not required since product is used outdoors. In a confined area, local exhaust or general dilution ventilation should adequately disperse any slight ammonia odor that may be present from the natural aerobic composting decomposition process. Wetting the material down is another method of controlling dust exposures.

**Respiratory Protection:** N/A particulate respirator may be used to reduce irritation from slight ammonia odor.

**Protective Gloves:** Recommended during application

**Eye Protection:** Safety glasses with side shields or goggles recommended during application to prevent dust and particles from entering the eye.

**Other Protection Needed:** Full length clothing recommended during application. Good housekeeping shall be maintained. Maintenance of handling equipment is an important step in reducing dust from this product.

## HEALTH HAZARD INFORMATION

### **Acute and Chronic Health Effects by Route of Exposure:**

Inhalation: Slight ammonia odor resulting from natural aerobic decomposition may cause irritation in some individuals.

Skin: None anticipated.

Ingestion: Not to be taken internally. Normally not a route of entry. Consult a physician.

Eyes: Dust from this product may cause irritation to eyes.

**Medical Conditions Aggravated By Exposure:** Slight ammonia odor resulting from natural aerobic decomposition may cause irritation in some individuals with existing respiratory problems such as emphysema or asthma.

### **Emergency First Aid:**

Inhalation: Move to well-ventilated area containing fresh air. Seek medical attention as needed.

Skin: Wash thoroughly with soap and water.

Ingestion: If excessive amount ingested, seek medical attention.

Eyes: Flush eyes with clean water for at least 15 minutes. Remove contact lenses while flushing. Seek medical attention if pain or redness persists.

**Toxicity:** None

**Carcinogenicity:** None

## ENVIRONMENTAL PROTECTION INFORMATION

**Steps to be taken if material is released or spilled:** The product shall be used in accordance with product specifications and standard industry application practices. When applied within these guidelines, there are no known adverse effects on plants, animals, or aquatic life.

**Waste Disposal Method:** Dispose of as common waste in accordance with any federal, state, or local ordinances.

**Environmental Hazards:** None

This material safety data sheet is offered to you in good faith as accurate. Some of the information is from sources outside our company. We reviewed the information and believe it to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No warranty is made, either expressed or implied.