

62960

**MATERIAL SAFETY DATA SHEET**  
Dolomite, Dolomitic Limestone, & Carey Dried Stone

October 17, 2005

**NOVELTY MANUFACTURING CO.**  
1330 Loop Road  
Lancaster, PA 17601-3116

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Emergency Contact: Joe DiMeo 717-572-1688

**SECTION I – PRODUCTION IDENTIFICATION**

NLS Products:	10; 10 40; 10 50; 10BB; 11 11P; 12; 12 50; 12BB; 20; 20 40; 20 50; 20BB; 30; 30 50; 6X16; 6X16BB; 60; 60 50; 80; 80 50; DLP; DMI; DMI 50; DMIBB; PDL 50; PDLBB
Trade Name & Synonyms:	<b>Dolomite, Limestone, Ag Lime</b>
Chemical Name & Synonyms	Dolomitic Limestone
Chemical Family	Alkaline Earth Carbonate
Formula	$\text{CaCO}_3 - \text{MgCO}_3$
CAS #	16389-88-1, 1317-65-3, 471-34-1 and 546-93-0

**SECTION II – HAZARDOUS INGREDIENTS**

Composition varies, may contain quartz.

Dolomitic Limestone is not listed on the NTP, IARC, or OSHA lists of carcinogens, but crystalline silica, a component of this product, is listed. IARC has determined that there is sufficient evidence of carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited evidence" means that a casual relationship is possible; however, other explanations such as chance, bias or confounding factors cannot adequately be excluded.

**SECTION III – PHYSICAL DATA**

Boiling point:	Decomposes 1100 – 1700° F
Specific gravity:	2.7 – 2.9
% volatile by volume:	NA
Vapor pressure:	NA
Vapor density:	NA
Solubility in water:	Negligible
Evaporation rate:	NA
Appearance and odor:	White to gray solid odorless

#### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash point:	NA
Flammable limits:	Not flammable
Extinguishing media:	None required
Special fire fighting procedures:	None required
Unusual fire and explosion hazards:	When heated at 1700° F or more for prolonged periods, dolomitic limestone decomposes into dolomitic quicklime (CaOMgO) releasing carbon dioxide (decomposition can begin at 1100°F).

#### SECTION V – HEALTH HAZARD DATA

Threshold limit value:	Exposure limits vary with the % quartz dust. Refer to ACGIH and MSHA for current TLV's and TWA's.
Effects of overexposure:	Exposure to dust may irritate respiratory system, eyes or skin.
Emergency and first aid procedures:	Dust in eyes – flush with clear water. Dust on previously irritated skin – wash with soap and water. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists.

#### SECTION VI – REACTIVITY DATA

Stability:	Unstable - reacts with acids evolving CO <sub>2</sub> . Stable if no acids are present.
Incompatibility:	Contact with acids.
Hazardous decomposition products:	When heated at 1100 - 1700° F, dolomitic limestone decomposes into dolomitic quicklime releasing carbon dioxide gas.
Hazardous polymerization:	Will not occur.

#### SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be taken if material is spilled or released:	Spilled materials, where dust is generated, may overexpose clean-up personnel to respirable dust. Use of respiratory protective equipment may be necessary. Dolomitic limestone may be wetted with water to control dusting.
Waste disposal method:	Pick up and reuse clean materials. Dispose of waste materials only in accordance with applicable federal, state, and local laws and regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiration protection:	NIOSH-MSHA approved dust respirators for conditions where dust levels may exceed exposure limits.
Ventilation:	As required to maintain exposures below TLV's. Vent dust to collector.
Eye protection:	Dust goggles should be worn when visibly dusty conditions exist.

SPECIAL PRECAUTIONS

No special precautions required. Respirable dust levels should be monitored regularly. May cause pitting of aluminum.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of National Lime and Stone Company's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty, or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements.

**NATIONAL LIME & STONE COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR ANY PARTICULAR PURPOSE. THE DETERMINATION OF PRODUCT SUITABILITY FOR ANY PARTICULAR USE IS THE SOLE RESPONSIBILITY OF THE PURCHASER AND USER.**

*This Product is NOT intended to be used as a food source, component or ingredient. It is NOT produced in compliance with state or federal regulations governing products consumed or intended for consumption by humans or animals and should not be used for such purposes.*

IN THE EVENT OF BREACH OF ANY WARRANTY OF ANY TYPE, THE SOLE REMEDY OF THE PURCHASER AND/OR USER SHALL BE REPLACEMENT OF THE PRODUCT PURCHASED. UNDER NO CIRCUMSTANCES WILL SELLER BE LIABLE FOR DAMAGES INCLUDING INCIDENTAL OR CONSEQUENTIAL DAMAGES, REGARDLESS OF THE LEGAL THEORY UPON WHICH A CLAIM MAY BE BASED

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**Material Safety Data Sheet****Date: 10-16-2007****SECTION I—PRODUCT IDENTIFICATION****NAME: EarthBox Natural 8-3-5****PRODUCT CODE: - 7004259****DOT CLASS:** Not regulated.**UN NUMBER:** NA**PROPER SHIPPING NAME:** NA**HMIS RATING**

HEALTH	1
FIRE	0
REACTIVITY	0

**SECTION II - INGREDIENTS**

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED IS EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%.

Ingredient Name	CAS Number	OSHA TWA	ACGIH TLV/TWA
Potassium Sulfate	7778-80-5	NA	NA
Dolomite Limestone	16389-88-1	NA	NA

**SECTION III – PHYSICAL CHARACTERISTICS**

Boiling Point	NA	Appearance and Odor	Free flowing granular, Feed odor.
Specific Gravity	NA	Melting Point	NA
PH	NA	Vapor Density	NA
Vapor Pressure	NA	Solubility	Complete



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**SECTION IV – FIRE/EXPLOSION**

<b>Flash Point:</b>	Does not support combustion.
<b>Flash Point Method Used:</b>	NA
<b>LEL:</b>	NA
<b>UEL:</b>	NA

**Extinguishing Media:** Water spray, carbon dioxide, and dry chemical.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus in confined areas.

**Unusual Fire and Explosion Hazards:** None Known.

**SECTION V – REACTIVITY DATA**

**Stable:** X

**Unstable:**

**Incompatibility:** Strong acids or alkali compounds.

**Hazardous Decomposition or By Products:** Not Known.

**Hazardous Polymerization:** Will not occur.

**SECTION VI – HEALTH HAZARD DATA****Acute Health Effects**

<b>Routes of Entry:</b>	<b>Inhalation:</b> No	<b>Absorption:</b> No	<b>Ingestion:</b> Yes	<b>Eyes:</b> Yes
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**Eyes:** This product will cause eye irritation.

**Skin Contact:** Slight redness on hands and forearms if individual has a history of dermal allergic reaction.  
Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.

**Inhalation:** Inhaling dust from this product may cause irritation to the respiratory system.

**Ingestion:** Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

**Signs and Symptoms of Over Exposure:** None Known

**Aggravated Medical Conditions:** None known, however persons with respiratory problems should avoid breathing dust from this product.

Product Code –7004259  
EarthBox Natural 8-3-5

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**Emergency First Aid Procedures**

**Eye Contact:** Rinse eyes with water for fifteen minutes, if irritation persists, see a physician.

**Inhalation:** Move person to fresh air, avoid breathing dust from product. If breathing problems develop, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water, if irritation develops seek the care of a physician.

**Ingestion:** Do not induce vomiting, if victim is choking clear airway and seek medical attention.

**SECTION VII – SPILL OR LEAK PROCEDURE****Steps to be taken in case material is spilled or leaked:**

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws.

**Precautions To Be Taken In Handling and Storage:** Store in a location away from children, food items and potable water.

Store in an area out of the direct sunlight, keep container closed when not in use.

Always wash hands with soap and water before handling food or smoking.

Use good chemical hygiene practices when working with any chemical.

**Other Precautions:** Avoid breathing any dust from the product.

**SECTION VIII – CONTROL MEASURES (PPE)**

**Respiratory Protection:** None required for recommended use, however, avoid creating dust in poorly ventilated areas.

**Protective Gloves:** Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Clothing:** None required, however, avoid prolonged contact with the skin from soiled clothing.

**Ventilation:** Local exhaust should be sufficient. Avoid creating dust from the product. If used in a manner that creates dust, mechanical ventilation may be necessary.

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination

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with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state and local laws.



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**Material Safety Data Sheet**

**Date: 01/04/2006**

**SECTION I—PRODUCT IDENTIFICATION**

**NAME: -Roots Plant Food 7-7-7**

**PRODUCT CODE: - 7004133-704**

**DOT CLASS:** Not regulated.

**UN NUMBER:** NA

**PROPER SHIPPING NAME:** NA

**HMIS RATING & CANADIAN WHMIS CLASSIFICATION**

HEALTH	1	CANADIAN WHMIS CLASSIFICATION:	D 2 B
FIRE	0		
REACTIVITY	0		

**SECTION II - INGREDIENTS**

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED IS EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%.

Ingredient Name	CAS Number	OSHA TWA	ACGIH TLV/TWA
Ferrous Sulfate	7782-63-0 7720-78-7	NA NA	NA
Micronutrient mixture containing; Copper Oxide	1317-39-1	NA	NA
Magnesium Oxide	1309-48-4	NA	NA
Iron Oxide	1332-37-2	NA	NA
Manganese Oxide	1344-43-0	NA	NA
Zinc Oxide	1314-13-2	NA	NA
Dolomitic Limestone	16389-88-1	NA	NA
Potassium Sulfate	7778-80-5	NA	NA
Ammonium Lignosulfate Powder	66071-92-9 8061-52-7	NA NA	NA NA
Diammonium Phosphate	7783-28-0	NA	NA

**SECTION III – PHYSICAL CHARACTERISTICS**

Boiling Point	NA	Appearance and Odor	Free flowing granular, brown color. Feed odor.
Specific Gravity	NA	Melting Point	NA

Product Code –7004133-703  
Roots Plant Food 7-7-7



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PH	NA	Vapor Density	NA
Vapor Pressure	NA	Solubility	Complete

#### SECTION IV – FIRE/EXPLOSION

Flash Point:	Does not support combustion.
Flash Point Method Used:	NA
LEL:	NA
UEL:	NA

**Extinguishing Media:** Water spray, carbon dioxide, and dry chemical.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus in confined areas.

**Unusual Fire and Explosion Hazards:** None Known.

#### SECTION V – REACTIVITY DATA

**Stable:** X                      **Unstable:**

**Incompatibility:** Strong acids or alkali compounds may inactivate biological cultures.

**Hazardous Decomposition or By Products:** Not Known.

**Hazardous Polymerization:** Will not occur.

#### SECTION VI – HEALTH HAZARD DATA

Acute Health Affects

Routes of Entry:	Inhalation: Yes	Absorption: No	Ingestion: Yes	Eyes: Yes
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**Eyes:** This product will cause eye irritation.

**Skin Contact:** Slight redness on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.

**Inhalation:** Inhaling mist from this product may cause irritation to the lungs and mucus membranes.

**Ingestion:** Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

**Signs and Symptoms of Over Exposure:** None Known

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Roots Plant Food 7-7-7

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**Aggravated Medical Conditions:** None known, however persons with respiratory problems should avoid breathing dust from this product.

#### **Emergency First Aid Procedures**

**Eye Contact:** Rinse eyes with water for fifteen minutes, if irritation persists, see a physician.

**Inhalation:** Move person to fresh air, avoid breathing dust from product. If breathing problems develop, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water, if irritation develops seek the care of a physician.

**Ingestion:** Do not induce vomiting, if victim is choking clear airway and seek medical attention.

### **SECTION VII – SPILL OR LEAK PROCEDURE**

**Steps to be taken in case material is spilled or leaked:**

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws.

**Precautions To Be Taken In Handling and Storage:** Store in a location away from children, food items and potable water.

Store in an area out of the direct sunlight, keep container closed when not in use.

Always wash hands with soap and water before handling food or smoking.

Use good chemical hygiene practices when working with any chemical.

**Other Precautions:** Avoid breathing any dust from the product.

### **SECTION VIII – CONTROL MEASURES (PPE)**

**Respiratory Protection:** None required for recommended use, however, avoid creating dust in poorly ventilated areas.

**Protective Gloves:** Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Clothing:** None required, however, avoid prolonged contact with the skin from soiled clothing.

**Ventilation:** Local exhaust should be sufficient. Avoid creating dust from the product. If used in a manner that creates dust, mechanical ventilation may be necessary.

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