

# AGRICULTURAL SOLUTIONS LLC

## MATERIAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: **ROOTGUARD® (crab meal)**  
Product description: Blend of ground Crab shell  
Manufacturer: Agricultural Solutions LLC  
PO Box 567, Safety Harbor, FL 34695

### SECTION 2: HAZARDOUS INGREDIENTS

No hazardous ingredients present; not hazardous to humans, animals or plants

### SECTION 3: PHYSICAL DATA

HAZARD RATING: HEALTH: 0 Normal Material  
FIRE: 0 Will not burn  
REACTIVITY: Stable

BOILING POINT: N/A SOLUBILITY IN WATER: N/A  
VAPOR PRESSURE: N/D MELTING POINT: N/A  
VAPOR DENSITY: N/A EVAPORATION RATE: N/A  
APPEARANCE: Light brown coarse meal pH OF SOLUTION: N/A  
ODOR: Marine Odor

### SECTION 4: FIRE AND EXPLOSION INFORMATION

FLASH POINT: N/A HAZARDOUS DECOMPOSITION BYPRODUCT: None  
EXPLOSION LIMIT: 0 FIRE FIGHTING PROCEDURES: N/A  
EXTINGUISHING: Water SPECIAL FIRE & EXPLOSIVE HAZARDS: None

## **SECTION 5: HEALTH HAZARD DATA**

PERMISSIBLE EXPOSURE LEVEL: None; see Section 2

HEALTH HAZARDS: None

CARCINOGENICITY: None

EFFECTS OF CHRONIC OVEREXPOSURE: None

PRIMARY ROUTES OF Entry: Skin contact, Eye contact, Ingestion, Inhalation

### SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: None serious. Temporary skin irritation may result from prolonged exposure.

EYES: Dust may cause irritation

INHALATION: Dust may cause nasal irritation

### FIRST AID

IF ON SKIN: Wash with soap and water

IF ON EYES: Flush with fresh water

IF INHALED: Move to fresh air

## **SECTION 6: REACTIVITY DATA**

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable, not affected by freezing. No toxic fumes.

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None, biodegradable

## **SECTION 7: SPILL OR LEAK PROCEDURES**

IN CASE OF LEAK OR SPILL: Sweep up and discard as with any natural material

WASTE DESPOSAL METHOD: In accordance with all applicable environmental regulations

HANDLING: Minimize generation of dust, contains natural microorganisms. Precautions are advised to prevent infection of open wounds.

STORAGE REQUIREMENTS: Store in a dry place

DOT CLASSIFICATION: Not classified

## **SECTION 8: PROTECTIVE EQUIPMENT TO BE USED**

RESPIRATORY PROTECTION: Standard dust respirator

PROTECTIVE GLOVES: Ordinary work gloves or rubber gloves

EYE PROTECTION: Standard eye protection

PROTECTIVE CLOTHING: None

## **SECTION 9: PREPARATION**

Preparation date: January 2014

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