

SAFETY DATA SHEET

I. IDENTIFICATION

PRODUCT NAME: PAR4 2-14-0 Granulated Bone Meal
 DISTRIBUTOR: Bridgewell Agribusiness LLC
 12420 SE Carpenter Drive
 Clackamas, OR 97015
 (503) 723-5410

II. HAZARD(S) IDENTIFICATION

PRECAUTIONARY STATEMENT: Eye Contact: May cause irritation. Ingestion: May cause gastrointestinal tract disorders, nausea, diarrhea, or vomiting. Inhalation: May cause breathing difficulty with excess inhalation. Considered a nuisance dust. Skin Contact: May cause irritation – especially to sensitive individuals.

III. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCES
 INGREDIENTS: Bone meal & lignin sulfonate
 SYNONYMS: Granulated bone meal, 2-14-0

IV. FIRST-AID MEASURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention.
 SKIN CONTACT: Wash affected area promptly with mild soap and water. If irritation persists, obtain medical attention.
 EYE CONTACT: Remove contact lenses. Flush eyes, including under eyelids, with large amounts of water for at least 15 minutes. If irritation persists, obtain medical attention.
 INGESTION: Do not induce vomiting call a physician.

V. FIRE-FIGHTING MEASURES

FIRE HAZARD: Not Flammable
 LEL-UEL: NA
 EXTINGUISHING METHOD: Foam, Carbon Dioxide
 SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full-faced, self-containing breathing apparatuses and impervious clothing (gloves, hood, suits and rubber boots). Prevent runoff from entering drains, sewers or bodies of water. Fertilizer will become slippery when wet. Guard against falls.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Product is not flammable; however, some ingredients may burn and/ or decompose under fire conditions to give off ammonia, which may be toxic. Beware of smoldering granules.

VI. ACCIDENTAL RELEASE MEASURES

If released to land, stop discharge and contain. If released to water, contain by damming and divert water if possible. Collect product and contaminated water for disposal. Contaminated material not unsuitable can be used as fertilizer. Otherwise, dispose at approved landfill following local, provincial and federal guidelines. Do not dispose in sewage system due to plant nutrients.

VII. HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes and clothing. Do not take internally. Avoid breathing dust. Wash after handling. Do not apply directly to water. Do not contaminate water by disposal of equipment wash water.

STORAGE: Store in cool, dry area out of reach of children and animals. Keep separate from other fertilizer, pesticides, seed, feed and foodstuffs.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation should be sufficient to maintain dust levels below applicable exposure levels. Safety glasses/ goggles, gloves, dust mask, and long-sleeved clothing recommended when dust levels are excessive. Avoid excess inhalation. If excessive dust, use NIOSH/MSHA dust respirator. Avoid excess heat & humidity.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light to Dark Tan colored Granules

ODOR: Organic Odor

VAPOR PRESSURE: NA

VAPOR DENSITY: NA

pH: 6.5-8.5

SPECIFIC GRAVITY: 1.7-2.0

MELTING POINT: NA

SOLUBILITY(IES): Slow in water

INITIAL BOILING POINT: NA

FLASH POINT: NA

EVAPORATION RATE: NA

AUTO-IGNITION: NA

% VOLATILE MATTER: <5%

BULK DENSITY: NA

X. STABILITY AND REACTIVITY

REACTIVITY:

STABILITY: Stable

CONDITIONS TO BE AVOIDED: Excess heat and humidity

LIST OF INCOMPATIBLE MATERIALS: None

HAZARDOUS DECOMPOSITION: May release ammonia under fire conditions. Hazardous Polymerization will not occur

XI. TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS: ACGIH-TLV: 10 mg/m³ OSHA-PELV: 15 mg/m³

EFFECTS OF EXPOSURE: Breathing difficulty with excess inhalation.

XII. ECOLOGICAL INFORMATION

KEEP OUT OF ANY BODY OF WATER. DO NOT APPLY DIRECTLY TO WATER.

XIII. DISPOSAL CONSIDERATIONS

DISPOSE ACCORDING TO USEPA GUIDELINES AS OUTLINED IN RCRA. FOLLOW STATE AND LOCAL REGULATIONS. BE CERTAIN CONTAINER IS COMPLETELY EMPTY BEFORE DISPOSAL. DO NOT RE-USE CONTAINER.

XIV. TRANSPORT INFORMATION

THIS PRODUCT IS NOT A DOT HAZARDOUS MATERIAL.

XV. REGULATORY INFORMATION

NO INFORMATION AVAILABLE

XVI. OTHER INFORMATION

Date Prepared: 12/5/16

IMPORTANT:

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