

SAFETY DATA SHEET

I. IDENTIFICATION

PRODUCT NAME: PAR4 Blood Meal Fertilizer 13-0-0
DISTRIBUTOR: Bridgewell Agribusiness LLC
12420 SE Carpenter Drive
Clackamas, OR 97015
(503) 723-5410
PRODUCT USE: Fertilizer

II. HAZARD(S) IDENTIFICATION

CLASSIFICATION: This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

UNKNOWN ACUTE TOXICITY: 100% of the mixture consists of ingredients of unknown toxicity.

III. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCES
CHEMICAL NAME: Blood Meal Fertilizer 13-0-0
COMPONENT: Blood Meal
CAS NUMBER: 90989-74-5

IV. FIRST-AID MEASURES

INHALATION: In case of inhalation of fumes from overheating or combustion, move to fresh air. If needed, seek medical attention.

SKIN CONTACT: Wash thoroughly with soap and water

EYE CONTACT: In case of dust or granule in the eyes, flush thoroughly with running water for 15 minutes.

INGESTION: Give plenty of water to drink and provoke vomiting. If needed, call a doctor.

V. FIRE-FIGHTING MEASURES

FIRE HAZARD: High Airborne dust concentrations have the potential for explosion. In fire, toxic metal oxides may be produced.

FLASHPOINT: Decomposes on heating

EXTINGUISHING METHOD: Dry chemical, water fog, foam, CO₂

FIRE FIGHTING ADVICE: Evacuate area. Flood with water to cool containers. Wear self-contained breathing apparatus to fight large fires.

VI. ACCIDENTAL RELEASE MEASURES

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect and reuse as recommended for product. If contaminated, put in appropriate container and dispose. Keep spills away from drinking water supplies. After cleaning up spill, flush area with water.

VII. HANDLING AND STORAGE

HANDLING: See Label. Wash hands with soap and water after handling product.
STORAGE: Store in a cool, dry area away from incompatible materials and heat sources. Store away from feed and foodstuffs, as well as household cleaning products. Avoid container breakage; keep away from sparks, flames and excessive heat. Keep out of reach of children and pets.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EFFECTS OF EXPOSURE: Avoid inhalation or contact with skin, eyes, or clothing.
ENGINEERING CONTROLS: Ventilation and personal protection are recommended whenever dust levels are high or product does not remain intact. Running water should be available in case material gets in eyes.
RESPIRATORY PROTECTION: If airborne dust levels are high or product does not remain intact, use a combination of engineering controls, such as ventilation, and personal protection, such as an approved respirator, to reduce exposures to acceptable levels.
EYE AND FACE PROTECTION: Goggles recommended dust mask with organic vapor filter.
SKIN PROTECTION: None required for normal use. If prolonged or repeated use irritates skin, use neoprene or PVC gloves.
OTHER PROTECTIVE CLOTHING: Normal work clothing
WORK/ HYGIENIC PRACTICES: Open wounds should be kept clean and suitable protected.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Tan, brown and gray, solid, granular, powder or pellets.
ODOR: Organic and earthy
VAPOR PRESSURE: Not applicable
pH: Not applicable
DENSITY: 40-60 lbs/cubic foot
MELTING POINT: Not applicable
SOLUBILITY(IES): Not applicable
INITIAL BOILING POINT: Not applicable
EVAPORATION RATE: Not applicable
SPECIFIC GRAVITY: Not applicable

X. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO BE AVOIDED: High Heating
LIST OF INCOMPATIBLE MATERIALS: Strong Alkaline Agents
HAZARDOUS DECOMPOSITION: Nitrous oxides, ammonia and toxic metal oxides may be produced. No Hazardous polymerization.

XI. TOXICOLOGICAL INFORMATION

EFFECTS OF EXPOSURE: Possible nausea, vomiting, diarrhea, skin or eye irritation. Inhalation of dust may aggravate asthma. Eye contact with product may cause irritation, flush eyes with water as soon as possible. No data on acute and chronic toxicity.

LISTED AS CARCINOGEN: No known carcinogenicity, teratogenicity, mutagenicity, or reproductive effects.

XII. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Keep out of lakes, streams or ponds.

PERSISTENCE AND DEGRADABILITY: Fertilizer granules are slightly soluble in water and biodegradable.

AQUATIC TOXICITY: Large amounts of product released to water systems will be harmful to aquatic plant and animal life.

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. UNCONTAMINATED PRODUCT MAY BE REUSED AS FERTILIZER.

XIV. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION: Not DOT regulated

XV. REGULATORY INFORMATION

CONTACT LOCAL AUTHORITIES FOR PROPER DISPOSAL OF LARGE QUANTITIES OF UNUSED PRODUCT.

XVI. OTHER INFORMATION

Date Prepared: 7/26/17

IMPORTANT:

This information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. Buyer assumes all risk of use, storage and handling of product in compliance with applicable federal, state and local laws and regulations. Bridgewell Agribusiness LLC and its subsidiaries make no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. **The implied warranties of merchantability and fitness for a particular purpose are specifically excluded.**

The information in this SDS is provided without warranty of any kind, express or implied. The information contained herein is made available solely for consideration, investigation, and verification by the original recipients hereof. Users should consider this information only as a supplement to other information gathered by or available to them. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers, and the environment. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information to design and update their own programs, and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental protection.

Bridgewell Agribusiness LLC and its subsidiaries will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

