

# SAFETY DATA SHEET

## I. IDENTIFICATION

PRODUCT NAME: PAR4 Crustacean Meal Fertilizer 4-0-0  
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

HAZARD STATEMENTS: Possible stomach disorders if taken orally, possible lung congestion if breathed.

PRECAUTIONARY STATEMENT: Avoid Inhalation. In case of dust or granule in the eyes, flush thoroughly with running water. In case of skin contact wash thoroughly with soap and water. Avoid ingestion of product. Could cause dermatitis in sensitive individuals. Allergic reaction may occur.

## III. COMPOSITION/INFORMATION ON INGREDIENTS

### SUBSTANCES

CHEMICAL NAME: Crustacean Meal 4-0-0  
COMPONENT: Crab Meal  
CAS NUMBER: Not applicable

## 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.

INGESTION: If needed, call a doctor.

## V. FIRE-FIGHTING MEASURES

FIRE HAZARD: High Airborne dust concentrations have the potential for explosion. Moderate fire hazard when exposed to heat or flame. Can react with oxidizing material. Could heat and ignite spontaneously depending on moisture and oil content.

FLASHPOINT: not applicable

EXTINGUISHING METHOD: Dry chemical foam, water, CO<sub>2</sub>

FIRE FIGHTING ADVICE: Treat as class A. 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 and 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:** Medium Brown solid, granular, powder or pellets.  
**ODOR:** Crab/Lobster  
**VAPOR PRESSURE:** Not applicable  
**pH:** Not applicable  
**DENSITY:** 21 lbs/cubic foot  
**MELTING POINT:** Not applicable  
**SOLUBILITY(IES):** Insoluble  
**INITIAL BOILING POINT:** Not applicable  
**EVAPORATION RATE:** Not applicable  
**SPECIFIC GRAVITY:** Not applicable

## X. STABILITY AND REACTIVITY

**STABILITY:** Stable  
**CONDITIONS TO BE AVOIDED:** NA  
**LIST OF INCOMPATIBLE MATERIALS:** None known  
**HAZARDOUS DECOMPOSITION:** None known. 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: None known

## 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: 7/28/17

### IMPORTANT:

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