

# SAFETY DATA SHEET

## Bontera® Del Mar

Seaweed Extract from *Ascophyllum nodosum*  
Soluble Powder

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### 1. IDENTIFICATION

Trade Name: Bontera Del Mar

Manufacturer: Bontera BioAg, USA

Address: 1400 Preston Rd, Suite 340, Plano, Tx 75093

Phone: +1 469-626-8367

Contact Person: Iqbal Kalla

Emergency Phone: +1 925-550-0245

Recommended Uses: fertilizer/ plant Nutritional supplement/ soil amendment

Restrictions: none

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### 2. HAZARD IDENTIFICATION

This product is non-toxic and non-flammable

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### 3. COMPOSITION OF THE PRODUCT

Seaweed (*Ascophyllum nodosum*) extract..... 60.0% (dry-weight basis)

K-Humate .....25% (dry-weight basis)

Corn Steep liquor.....13% (dry-weight basis)

Amino Chelated mix micronutrients.....2.0% (dry-weight basis)

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### 4. FIRST AID

GENERAL: Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician.

EYE CONTACT: Immediately flush eyes with plenty of water as necessary. Seek medical attention if irritation persists.

SKIN CONTACT: Wash with mild soap and water. Seek medical attention if discomfort occurs.

INHALATION: Do not intentionally breathe vapors. Ventilate the area well and go to an open space.

INGESTION: Drink plenty of water or milk. Seek medical attention if discomfort occurs.

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## 5. FIRE FIGHTING MEASURES

FLASH POINT Not applicable.

FLAMMABLE LIMITS: Not applicable.

SUITABLE EXTINGUISHING EQUIPMENT: Use extinguishing media appropriate for surrounding fire.

Caution: Slippery in liquid form or when mixed with water. No unusual fire or explosion hazards noted.

FIRE AND EXPLOSION HAZARDS: Non-flammable. Non-explosive.

POSSIBLE SPECIAL HAZARDS: In case of fire, avoid breathing of fumes since it may release toxic fumes containing Carbon Oxides.

FIREFIGHTER PRECAUTIONS: Wear full protective equipment and a self-contained breathing apparatus (SCBA).

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## 6. ACCIDENTAL RELEASE MEASURES

SAFETY MEASUREMENTS TO PROTECT PERSONS: Wear suitable protective clothing, gloves and eye protection.

PROPER METHODS FOR DAMAGE LIMITATION AND CLEANUP: Wear suitable protective clothing, gloves and eye protection.

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## 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid powder inhalation. Avoid direct contact with skin and eyes. Use personal protective equipment as specified in section 8. Always respect hygienic rules, do not drink or eat in work areas.

STORAGE RECOMMENDATIONS: Keep in a tightly closed container away from humidity and heat sources to maintain product integrity. Store in a cool place and out of direct sunlight.

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## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

EXPOSURE CONTROL: Handle in a well ventilated area. Eyewash facilities should be available.

EXPOSURE LIMITS: No data available.

RESPIRATION PROTECTION: No respiratory protection required during normal handling.

EYE PROTECTION: Eye protection should be worn when handling due to temporary staining.

HAND PROTECTION: Gloves should be worn when handling due to temporary staining.

SKIN PROTECTION: No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder	Air reactive	Not applicable
Color	Black/Brown	Percent volatile (by volume)	Non applicable
Odor	kelp-like	Bulk density	0.59 g/cm <sup>3</sup>
Solubility	100% water soluble	Solubility in water	100% at 20°C
Melting Point/Range	Not determined	Saturation conc.	Not determined
Expl. Limit LEL-UEL. %-%	Not applicable	Rel. density sat. air (air=1)	Not determined
Vapor Pressure	Not determined	Boiling point/range	Not determined
Decomposition Temp.	Not determined	pH Concentrate	6.8
pH Value	6 - 8	Viscosity	Not applicable
Flash Point	Not applicable	Smelling limits lo-hi	Not determined
Molecular Weight	Not determined	Rel. evap. velocity	Not determined
Ignition Temp.	>500°C	Water reactive	Not applicable
Flammability	Not flammable	Decomposition	Not applicable
Upper/Low limits	Not flammable	Rel. Vapor Density	Not determined

## 10. STABILITY AND REACTIVITY

REACTIVITY: This product is stable and does not decompose under normal use and storage conditions.

CHEMICAL STABILITY: Stable under usual work conditions.

CONDITIONS TO AVOID: Excessive heat or freezing.

MATERIALS TO AVOID: Oxidants and acids may cause degradation.

HAZARDOUS DECOMPOSITION PRODUCTS: In case of fire, may release toxic fumes containing oxides of Carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

## 11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Can be an irritant for the nose and respiratory system if inhaled. Can be an irritant for the skin. Can be an irritant for the eyes. Can be an irritant for the mouth and digestive tract if ingested.

TOXICOLOGICAL EFFECTS: Under normal conditions of use, no health effects are expected. No toxicological data is available,

ACUTE TOXICITY: No acute toxicity data is available.

## 12. ECOLOGICAL INFORMATION

**BREAKDOWN:** Biodegradable organic substance. Product presents a minimal environmental impact.

**ECOTOXICITY:** Plant nutritional supplement and growth promotor, high concentrations may cause burn of plants. Because it is an extract of the seaweed and, therefore, is considered non-toxic to marine algae, vertebrates or invertebrates.

**Warning:** Product contains boron. Do not apply to boron sensitive crops. Use only according to manufacturer's directions.

## 13. ISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Product must be disposed of according to Federal, State or local procedures.

## 14. TRANSPORT INFORMATION

**GENERAL:** Non-hazardous material according to transport regulations. No special precautions are necessary.

## 15. REGULATORY INFORMATION

**SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS:** Substance is not subject to any prohibitions or restrictions in the country or region where it is being shipped.

## 16. OTHER INFORMATION

**DATE OF PREPARATION:** February 05, 2020

Information provided here refers solely to the product indicated and constitutes no guarantee of particular quality.

Information contained in this SDS leaflet is deemed reliable. However, manufacturer is not responsible for any loss, injury or damage, which may result from the use or misuse of the product. Data provided in this SDS is solely for the guidance in safe handling and use of the product by customers. For any questions please contact the manufacturer at

[info@bontera.com](mailto:info@bontera.com)