

**Trade name: King Crab**

### 1 Identification

Product identifier  
Trade name: Orca  
Product description: Naturally occurring beneficial soil microorganism.  
Details of the supplier of the safety data sheet  
Manufacturer/Supplier:  
Plant Revolution, Inc.  
412 Goetz Ave  
Santa Ana, CA 92707 Ph: 714-545-5335  
Fax: 714-545-5429  
<http://www.plantrevolution.com/>  
Emergency telephone number: Josh Eagan 714-415-9290

### 2 Hazard(s) identification

Per GHS Classification this material is not deemed hazardous under the criteria outlined in the Federal OSHA Hazard Communication standard 29CFR 1910.1200  
Signal Word: None  
Pictogram: None  
Hazard Statement: None  
Precautionary statement: Always follow label directions  
Prevention: Observe good industrial hygiene practices.  
Response: Wash hands thoroughly after handling.  
Storage: Store away from incompatible materials.  
Disposal Dispose of waste and residues in accordance with local authority requirements..  
Unclassified Hazards: None known  
Toxicity: None  
Hazard(s) not otherwise classified (HNOC): None known.  
Contains Bio-Safety Level One Organisms As Classified By ATCC (safest classification)

This product does not contain any hazardous ingredients and therefore does not fall under the purview of the OSHA or WHMIS. That said this Safety Data Sheet does contain information critical to the safe handling and proper use of the product. This SDS should be retained & made available to all employees & end users of the product.

### 3 Composition/information on ingredients

Does NOT contain any hazardous ingredients according to OSHA 29CFR 1910.1200 criteria  
Does NOT contain any hazardous ingredients according to WHMIS criteria

**Trade name: King Crab**

### \* 4 First-aid measures

**SKIN:** Remove contaminated clothing and wash affected area thoroughly after use. If irritation occurs consult with physician.

**EYES:** Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists

**INGESTION:** If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice

**INHALATION:** Move person to fresh air and consult physician for further treatment advice.

**NOTE TO PHYSICIAN (Antidote): N/A**

### 5 Fire-fighting measures

**EXTINGUISHING MEDIA:** Use appropriate media for underlying cause of fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus.

**FLASH POINT:** Product is not flammable

**SPECIAL FIRE HAZARDS:** None

**SPECIFIC HAZARDS:** None

### 6 Accidental release measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear protective clothing (shirt, pants, shoes, socks) mop up spill. Dispose of rinsate in accordance with local, state & federal regulations.

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** NO

### 7 Handling and storage

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:** Do not get in eyes, breathe in mist or ingest. Upon contact with skin, hair or clothing wash affected area with soap and water. Store in original container with lid tightly secured. Store product in a cool place on a pallet or rack system. Avoid excessive heat & sunlight. Store product between 40 - 100 degrees F. Do not let product freeze

**INCOMPATIBILITY:** Acids, bases, heat sources, reducing agents, disinfectants, biocides

**OTHER:** Always follow label directions & avoid exposure if you are allergic to any of the ingredients

### 8 Exposure controls/personal protection

**PERSONAL PROTECTIVE EQUIPMENT**

**EYE / FACE PROTECTION:** Eye protection (OSHA Approved) is recommended if potential for splashing and or drift exists

**HAND / SKIN PROTECTION:** Wear OSHA Approved gloves when handling concentrate

**RESPIRATORY PROTECTION:** None Required

**OTHER:** Wear pants, shirt, shoes and socks

**ENGINEERING CONTROLS:**

Local exhaust or general ventilation to maintain exposure below PEL

NO PELs or TLVs established

Trade name: King Crab

### 9 Physical and chemical properties

APPEARANCE & ODOR: opaque - brown liquid with characteristic fermentation odor  
SOLUBILITY: Soluble in water  
BOILING POINT: > 212° F  
MELTING POINT: N/A  
FREEZING POINT: 32° F  
EVAPORATION RATE: N/A  
VAPOR DENSITY (Air = 1): N/A  
SPECIFIC GRAVITY: 1.01 - 1.03  
BULK DENSITY: N/A  
pH (as is): 6.0

### 10 Stability and reactivity

HAZARDOUS DECOMPOSITION PRODUCT: None known  
STABILITY: Stable under normal conditions  
HAZARDOUS POLYMERIZATION: None known  
CONDITIONS TO AVOID: Excessive heat during storage (> 100° F / 37.8° C)

### 11 Toxicological information

#### ACUTE TOXICITY

Inhalation LD<sub>50</sub>= N/E  
Oral LD<sub>50</sub>= N/E  
Dermal LD<sub>50</sub>= N/E

#### CARCINOGENICITY REFERENCE

I.A.R.C: No  
N.T.P.: No  
O.S.H.A.: No  
OTHER (specify): No

GENERAL PRECAUTIONS: Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest.

MEDICAL CONDITIONS RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: None known

PRIMARY ROUTE OF ENTRY: Eyes, skin

**EFFECTS OF OVEREXPOSURE: Acute: may cause moderate eye irritation**

Chronic: None known

### 12 Ecological Information

Avoid direct discharge in to streams, lakes, waterways & storm drains

ECOTOXICITY (AQUATIC AND TERRESTRIAL): No product specific data

PERSISTENCE AND DEGRADABILITY: Generally considered chemically inert in the environment

BIOACCUMULATIVE POTENTIAL: No product specific data

MOBILITY IN SOIL: No product specific data

OTHER ADVERSE EFFECTS: None observed

**Trade name: King Crab**

### 13 Disposal Information

Dispose of unused product in accordance with local, state & federal regulations for Natural Soil Bacteria Protocol. Triple rinse container and recycle if recycling facility is available.

### 14 Transportation Information

DOT SHIPPING NAME: Not regulated  
UN NUMBER: None  
HAZARD CLASS: None (Non Hazardous)  
PRIMARY HAZARD LABEL: None  
SUBSIDIARY RISK LABEL: None  
WHMIS CLASSIFICATION: N/A

### 15 Regulatory information

#### *SARA 311*

None of the ingredients are reportable under SARA 311

#### **SARA 312**

None of the ingredients are reportable under SARA 312

#### **RCRA**

This product does not contain any ingredients on RCRA P or U lists of Federal Hazardous Waste

#### **OTHER**

*\* None of the ingredients in this material meet the definition of "Hazardous Chemical"*

#### **29 CFR1910.1200**

\* This product does not contain any ingredients on the Clean Air Act (CAA) list of Hazardous Waste

### 16 Other information

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS TRUE AND ACCURATE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING THIS PRODUCT SHALL MAKE HIS / HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR THEIR PARTICULAR PURPOSE. THIS INFORMATION IS PROVIDED IN GOOD FAITH BUT WITHOUT EXPRESSED OR IMPLIED WARRANTY. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO TAKE APPROPRIATE PRECAUTIONS

