

# MATERIAL SAFETY DATA SHEET

Regalia® Biofungicide Concentrate

FILE NO.:1  
MSDS DATE: 07/19/2010

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Regalia® Biofungicide Concentrate

MANUFACTURER: Marrone Bio Innovations  
DIVISION:  
ADDRESS: 2121 Second Street Suite 107B Davis CA, 95618

EMERGENCY PHONE: Info Trac Chemical Response System 800 535 5053 (24 hours)

OTHER CALLS: 530 750 2800 ( 9am to 5 pm PST)  
FAX PHONE:

PRODUCT USE: Natural Fungicide for use in Organic Farming and State of the Art Farming  
REVISION DATE:: 07/19/2010

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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ACTIVE INGREDIENT:  
*Reynoutria spp* extract

<u>CAS NO.</u>	<u>% WT</u>	<u>EXPOSURE LIMITS</u>
NONE	5	None Estabilshed

OTHER INGREDIENTS:  
Water and other Proprietary GRAS formula ingredients

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## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: Brown Liquid with plant extract and grass-like odor.

POTENTIAL ROUTES OF ENTRY: Eyes, skin, inhalation and ingestion.

POTENTIAL HEALTH EFFECTS: Hazards in case of skin contact (slight irritant), of eye contact (slight to moderate irritant), of ingestion, of inhalation. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or possibly blistering

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Non known

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CARCINOGENICITY: Unknown, not expected to be carcinogenic.

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## SECTION 4: FIRST AID MEASURES

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EYES: Flush with water for atleast 15 mintes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Do not use an eye ointiment. Call a phycisian if irritation persists.

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SKIN: Wash exposed area with soap and water for at least 15 minutes. Remove contaminated clothing. Call a physician if irritation persists.

INGESTION: Obtain medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth an unconscious person.

INHALATION: Remove person to ventilated area and follow normal first aid procedures.

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## SECTION 5: FIRE-FIGHTING MEASURES

### IGNITIBILITY:

F: > 205°F

C: >85°C

METHOD USED: SW 1010

### BOILING POINT:

F: Unknown

C: Unknown

### NFPA HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

### HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

SPECIAL FIRE FIGHTING PROCEDURES: Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, smoke, fumes, and hydrocarbons and terpenes.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Consult a specialist before handling this product. If spilled, contain - prevent run off into drains and waterways. Absorb liquid with an inert absorbent material. Seal absorbent material in a closed labeled container and dispose of in accordance with local ordinances.

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## SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use

OTHER PRECAUTIONS: No special precautions.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Spill controls should be provided for working with large quantities.

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RESPIRATORY PROTECTION: Move person to fresh air. If person is not breathing, call 911 or an ambulance

EYE PROTECTION: Wear eye protection suitable for the application. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

SKIN PROTECTION: Wear waterproof gloves. Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison center or doctor from treatment advice.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear long sleeved shirt and long pants, shoes plus socks. Remove contaminated coveralls and any contaminated clothing. Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison center or doctor from treatment advice.

WORK HYGIENIC PRACTICES: Do not smoke, drink or eat when handling this product.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Brown Liquid

ODOR: Characteristic of plant extracts/ Grass-like odor

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.05 g/cc

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SOLUBILITY IN WATER: Misible in Water

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

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## SECTION 11: OTHER INFORMATION

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