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## MATERIAL SAFETY DATA SHEET

**Product name:** Robusta Plant Care Fungicide, Robusta, Regalia

SPRINGSTAR INC	EMERGENCY NUMBERS
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WOODINVILLE, WA 98072	

### SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME:	Robusta Plant Care Fungicide	PRODUCT NO.	S831, MBI-106
SYNONYMS:	Robusta, Regalia	FORMULA:	see below
CAS #:	see below	FORMULA WT:	see below
	Proprietary Mixture		

### SECTION 2 - COMPONENTS

<u>Ingredients</u>	<u>CAS or UN#</u>	<u>TLV</u>	<u>NFPA/HMIS HAZARD CLASSIFICATION</u>	<u>LD<sub>50</sub>/LC<sub>50</sub></u>	<u>Concentration</u>
<i>Reynoutria spp</i> extract	None	Not established	1 (Health) 1 (Fire) 0 (Reactivity)		0.025%
Water and other proprietary GRAS formula ingredients	n/a	Not established	Not established		99.975%

### SECTION 3 - PHYSICAL DATA FOR MATERIAL

APPEARANCE:	Brown liquid	SOLUBILITY IN WATER:	miscible
ODOUR DESCRIPTION:	Earthy, tea-like	BOILING POINT:	212°F
VAPOUR PRESSURE (20 C, mm Hg):	not known	SPECIFIC GRAVITY (WATER = 1):	0.9834 g/cc
VAPOUR DENSITY (AIR = 1):	not known		

### SECTION 4 - FIRE & EXPLOSION HAZARD OF MATERIAL

IGNITABILITY:	> 205°F / 96°C (Method used: SW 1010 )
EXTINGUISHING MEDIA:	Use foam, carbon dioxide, or dry chemical extinguishers
UNUSUAL FIRE & EXPLOSION HAZARD:	None
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, carbon monoxide, smoke, fumes, and hydrocarbons and terpenes.
AUTO-IGNITION TEMP:	>205

### SECTION 5 - REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur

## **SECTION 6 - PREVENTIVE MEASURES**

RESPIRATORY PROTECTION:	Vapor respirator. Be sure to use an approved/certified respirator or equivalent.
VENTILATION:	No TLV assigned. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors and aerosols below the exposure levels. Spill controls should be provided for working with large quantities. Ensure that eyewash stations and safety showers are proximal to the work-station location.
SKIN PROTECTION:	Wear chemical resistant gloves appropriate for products
EYE PROTECTION:	Wear eye protection suitable for the application
OTHER PROTECTIVE EQUIPMENT:	Wear removable coveralls. Remove contaminated coveralls and any contaminated clothing.
SPILL OR LEAK PROCEDURES:	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.
WASTE DISPOSAL METHOD:	Whatever can not be used or saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Dispose of container and unused contents in accordance with federal, state and local requirements
HANDLING and STORAGE PROCEDURES:	Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use. Do not smoke or eat when handling this product.
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## **SECTION 7 - HEALTH HAZARD & FIRST AID MEASURES**

Carcinogen		Mutagen		Teratogen	
Reproductive Toxin		Synergist		Not Fully Investigated	X – Ingredients considered GRAS

SKIN:	Wash exposed area with soap and water for at least 15 minutes. Remove contaminated clothing. Call a physician if irritation persists.
EYE:	Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Do not use an eye ointment. Call a physician if irritation persists.
INHALATION:	Remove person to ventilated area and follow normal first aid procedures.
INGESTION:	Obtain medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person.
PRIMARY ROUTE OF ENTRY:	Eyes, skin, inhalation and ingestion
EFFECT OF ACUTE EXPOSURE:	Hazards in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (corrosive, permeator). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or possibly blistering.
EFFECT OF CHRONIC EXPOSURE:	Not known

PREPARATION DATE	September 18, 2011
PREPARED BY:	E. Schaafsma

ADDITIONAL INFORMATION:	
SOURCES USED:	MSDS for components

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