

# MATERIAL SAFETY DATA SHEET

## AGRI-BIOTECH RHIZOCELL GC

### SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

<u>Product Code</u>	AB RHIZO GC
<u>Reference name</u>	AGRI-BIOTECH RHIZOCELL GC
<u>Commercial name</u>	AGRI-BIOTECH RHIZOCELL GC
<u>Nomenclature Chemical Abstract</u>	Not applicable
<u>Use</u>	Fertilizer
<u>Company</u>	ITHEC SAS, 4 route de Beaupuy, 31180 CASTELMAUROU, France +33 (0)5 34 27 67 80
<u>Date of MSDS preparation</u>	01-01-2011

### SECTION 2 – DATA ON COMPONENTS

NOM	#CAS	#EC	TENEUR (%p/p)
Yeast fractions of <i>Saccharomyces cerevisiae</i> strain LYCC 6420	Not applicable	Not applicable	100 %
<i>Bacillus amyloliquefaciens</i> strain IT 45	Not applicable	Not applicable	2x10exp9 CFU / g

### SECTION 3 – HEALTH HAZARD IDENTIFICATION

Safe product : no danger neither for humans, animals and environment.

Health hazards	Skin contact : none Eye contact : May cause eye irritation upon direct contact Inhalation : Avoid breathing dust if the product is spread in a closed room. Ingestion : Drink water
Environmental impact	None.
Physical and chemical dangers	None.
Fire and explosion risk	None

### SECTION 4 – FIRST AID MEASURES (if any symptoms persist, seek medical attention)

If accidental overexposure is suspected :

Eye contact :	Flush eyes for at least 15 minutes.
Skin contact :	Wash affected area with soap and water.
Inhalation	No toxicity. In case of long period of exposure in a closed room, exit outside.
Ingestion	Drink water.
Note to physician :	No special precautions to report. No medical conditions likely to be aggravated by exposure

## SECTION 5 – FIRE FIGHTING MEASURES

Product is not combustible and not flammable.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

In case of material released or spilled, vacuum spill or dilute with water before removal.  
An inactivation can be done with bleach of a final concentration of 1%, with a contact time of 5 minutes for a guaranteed disinfection.  
Maintain good housekeeping practices.  
Biodegradable : may be discharged into sewer.

## SECTION 7 – HANDLING & STORAGE

Handling	Follow the current good hygienic practices for manipulation, no eating, no smoking, no drinking during the handling.
Storage	To store in a fresh and dry place. Don't expose to negative temperature or upper than 35°C.

## SECTION 8 – CONTROL OF EXPOSURE / INDIVIDUAL PROTECTION

Protection of lungs	Use a P2 or FFP2 protection mask, if the product is handled in a narrow and closed room.
Protection of skin	Use normal work clothes
Protection of hands	Use normal work gloves
Protection of eyes	Wear security glasses if dust level is to high
Exposition limits	None

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	physical aspect: solid, powder
	colour: beige
Odour	yeast
Density	0,58 g/cm <sup>3</sup>
Solubility in water	100%
pH	6

## SECTION 10 – STABILITY AND REACTIVITY

Stable product.

Conditions to avoid	None
Material to avoid	None
Hazardous residues	None

With regard to viability of the bacteria, see storage conditions.

## SECTION 11 – TOXICOLOGICAL INFORMATION

This product is not toxic, see Section 4 for the first aid measures.

## SECTION 12 – ECOLOGICAL INFORMATION

This product is not toxic. There is no effect of an eventual overdose of the product, and no toxicity for plants, animals, water and soil.

### **SECTION 13 – DISPOSAL CONSIDERATIONS**

Product	Evacuate following current regulations.
Packaging	Evacuate following current regulations.

### **SECTION 14 – TRANSPORT INFORMATION**

No special transport requirements.

### **SECTION 15 – REGULATORY INFORMATION**

This product is not considered as dangerous.

### **SECTION 16 – OTHER INFORMATION**

The information herein is based on current available data and is believed to be correct. No warranty, express or implied, is made regarding data accuracy, merchantability or hazards associated with product use. The user is responsible for determining product suitability, conditions of use and all associated hazards. Values listed in this document are not product specifications.