

BiOWiSH™ - Crop

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	BiOWiSH™ - Crop
Manufacturer's Product Code:	BIOCR
Pack Size/Container Type:	Vacuum Sealed Foil Bag - 3.5oz / 100g NET Vacuum Sealed Foil Bag - 2.2lb / 1kg NET Vacuum Sealed Foil Bag - 11lb / 5kg NET Vacuum Sealed Foil Bag - 22lb / 10kg NET
Recommended Use:	High Potency Enzymatic Crop Protection
Company:	BiOWiSH Technologies
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Revision Date:	1 June 2009

HAZARDS IDENTIFICATION

Hazard Classification:	This product is classified as: Non Hazardous
Oral Toxicity:	None known (LD 50 > 2,000 mg / kg in rats tested by Food Research Centre Foundation of Japan)
Dermal Toxicity:	None Known
Inhalation Toxicity:	None Known

COMPOSITION / INFORMATION ON INGREDIENTS

Composition

Dangerous contents:	None
Dangerous impurities:	None

Active Ingredients

Crude Protein	20.45%
Moisture	7.95%
Lipid (Crude Fat)	0.71%
Crude Fibre	6.30%
Ash	12.30%

Raw Materials

Rice bran	74.0% w/w
Rice flour	10.0% w/w
Soybean meal extract	10.0% w/w
Skim milk powder	3.0% w/w
Dolomite	1.0% w/w
Dextrose	1.0% w/w
Trace nutrient	1.0% w/w

FIRST AID MEASURES

Ventilation:	Use local ventilation to control dust at its source as required
Respiratory:	P1 dust mask as required
Gloves:	Rubber as required
Eye Protection:	Chemical goggles or a face shield as required
Other Protection:	Not Applicable

FIRST AID

If poisoning occurs, contact a doctor or your closest Poisons Information Centre. Call 131126 from anywhere in Australia.

Swallowed:	Not harmful in minor quantities, if large volumes are swallowed induce vomiting and seek medical advice
Eye contact:	Flush eyes with low pressure water for up to fifteen minutes and if irritation persists seek medical advice
Skin contact:	Negligible risk. For chronic exposure thoroughly wash with soap and water
Inhalation:	Dusk mask recommended. No known harmful effects

FIRE FIGHTING MEASURES

Hazards of Use/Storage:	Not Applicable
Types of extinguisher:	Not Applicable
Precautions:	Not Applicable
Protective Clothing:	Not Applicable
Reactivity	Not Applicable
Hazchem Code:	Not Applicable

FLAMMABILITY

Fire hazards:	Low flammability, moderate smoke
Sources of ignition advice:	Keep away from external sources of ignition

ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Not Applicable
Spills:	Sweep Up / Hose down and dilute with water
Clean up Spills/Leaks:	Non Hazardous cleanup
Precautions for Clean Up Crew:	Wear standard P1 dust mask if dry clean-up required

HANDLING AND STORAGE

Precautions for Safe Handling:	Not classified as dangerous goods
Special Precautions & Conditions for Safe Storage:	Store in cool, dry location out of direct sunlight. Once opened, BiOWiSH™ - Crop must be kept dry in an airtight container to prevent activation. Once in solution, BiOWiSH™ - Crop has an effective life of 24-48hrs in the absence of a food source. Effective life in solution can be extended if stored at < 5°C / 40°F
Spill or Release Procedures:	Sweep up product, place into appropriate container for disposal. Avoid dust. Ventilate and wash spill area
Waste Disposal:	Dispose of product in accordance with federal, state, and local regulations
Other Handling:	N/D

EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:	Not Applicable
Biological Limit Values:	Not Applicable
Engineering Controls:	Not Applicable

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

Respirator Type:	P1 Dust Mask
Glove Type:	Not Applicable
Eye protection:	Not Applicable
Clothing:	Not Applicable

PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Natural cocktail of powder
Colour:	Mild Yellow Brown (natural rice bran extract colour)
Odor:	Rice bran smell

Temperature

Melting point:	148.29 ° C
Distillation:	Not Applicable
Decay:	Not Applicable
Vapor Density:	Not Applicable
Viscosity:	Not Applicable

pH:	5.81
Solubility:	1-25% in water
Stream pressure:	N/A
Density:	0.545 g / cm ³

STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Incompatible Materials:	None Known
Hazardous Decomposition Products:	None Known
Hazardous Reactions:	None Known

ECOLOGICAL INFORMATION

Ecotoxicity: None Known

DISPOSAL CONSIDERATIONS

Disposal Method: Non Hazardous, refer to relevant Land Waste Management Authority
Special Precautions for Landfill: Dispose of in accordance with Local, State and Federal EPA waste regulations

TRANSPORT INFORMATION

UN Number: None Allocated
UN Proper Shipping Name: None Allocated
Dangerous Goods Class: None Allocated
Subsidiary Risk: None Allocated
Special Precautions for User: No special transport requirements
Hazchem Code: None Allocated

REGULATORY INFORMATION

Poison Schedule No: Not Applicable

OTHER INFORMATION

This MSDS contains only safety related information. For other data see product literature.

The information and recommendations in this MSDS are believed to be accurate. Part contents of the MSDS information enclosed was provided to this company by third parties and BiOWiSH Technologies makes no warranty expressed or implied in regards to the accuracy of the data or the results contained.

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This Material Safety Data Sheet is prepared in accordance with the format outlined in the document "Reading Labels and Material Safety Data Sheets" published by Work Cover NSW 2006.

Biological help for the human race



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