

## Material Safety Data Sheet

Date: 2008-7-16

Parrac Limited                      Emergency Telephone: +64 7 856 4971

Product: *Ophiostoma piliferum* (Cartapip™) 97

### A. Product Information

Trade Name:                      Cartapip 97  
CAS Number:                      Not available  
Synonyms:                         *Ophiostoma piliferum* 97

Chemical Family:                Natural Fungus  
Formula:                            Not Applicable  
Primary Product Use:          Wood Treatment

### B. Hazardous Components

Component CAS No.    % PEL/TLV  
None under 29 CFR 1910.1200  
None under Title III of Sara  
None under Canadian Hazardous Products Act (WHMIS)

### C. Physical Properties

Boiling Point (°C):                NOT AVAILABLE  
Specific Gravity:                    NOT AVAILABLE  
Melting Point (°C):                NOT AVAILABLE  
Freezing Point (°C):                NOT AVAILABLE  
Vapor Pressure (mm Hg):            NOT AVAILABLE  
% Volatile (by weight):            NOT AVAILABLE  
Vapor Density (Air=1)                NOT AVAILABLE  
Evaporation Rate:                    NOT AVAILABLE  
Solubility in water:                INSOLUBLE  
pH (in water):                        NOT AVAILABLE  
Coefficient of water/oil  
Distribution:                         NOT AVAILABLE  
Odor Threshold:                      NOT AVAILABLE  
Appearance and Odor:                Tan suspension in water; yeast smell

#### D. Fire & Explosion Data

Flash Point:	NOT AVAILABLE
Flammable Limits:	LEL: NONE UEL: NONE
Auto Ignition Temp.:	UNKNOWN
Extinguishing Media:	
Water:	X
Alcohol/Foam:	X
CO2:	X
Dry Chemical:	X
Water/Fog Spray:	X

Special Fire Fighting Procedure: USE HIOSH-approved self-contained breathing apparatus and protective clothing

Unusual Fire and Explosion Hazards: NONE KNOWN

#### E. Reactive Data

Stability: Stable  
Conditions to Avoid: None known

Hazardous Polymerization: Will not occur  
Conditions to Avoid: None known

Incompatibility: None known  
Hazardous Decomposition Products: Decomposition products are unknown

#### F. Personal Protective Equipment

Respiratory Protection: None required in normal use. If dusty conditions are present, use a HIOSH approved respirator or dust mask.

Protective Gloves: None required in normal use. If desired, Butyl rubber, PVC, or Neoprene  
Eye Protection: Safety glasses or chemical splash goggles  
Ventilation: None required in normal use. local ventilation sufficient  
Other Protective Equipment: None known

### G. Health Hazard Data

Threshold Limit value: none on product

Effects of Exposure:

*Ophiostoma piliferum* Acute pulmonary toxicity and infectivity/pathogenicity (rat)(1.2 ml/kg) – showed no evidence of toxicity or pathogenicity/ineffectivity following intratracheal dosing.

Acute Oral toxicity and infectivity/pathogenicity (rat) (20 ml/kg) – showed no evidence of toxicity or pathogenicity/ineffectivity following oral dosing.

Classified by the USDA as a non-pathogen.

Listed effects on other illnesses: No known effects on other illnesses for this product.

Listed carcinogen: None

### H. Emergency and First Aid Procedure:

Skin: Wash thoroughly with soap and water for 15 minutes/ if skin irritation occurs, seek medical attention.

Eyes: Flush immediately under running water for fifteen minutes. If redness or irritation occurs, seek medical attention.

Inhalation: Remove subject to fresh air. Seek medical aid if lung irritation persists or if breathing becomes difficult.

Ingestion: If ingested, no required treatment or if irritation persists seek medical assistance.

Note to physician: None known.

### I. Disposal information

Steps to be taken in case of spill or leak:

Spills may be flushed to sewer or swept up.

Waste disposal information:

Treat material with hypochlorite prior to disposal into waster water treatment system. If material cannot be salvaged, a method of disposal is in a landfill in accordance wit local, state and federal regulations.

RCRA Hazardous Waste: No

RCRA #: None

CERCLA: No

RQ: None

Follow all local, state and federal information

## J. Other Regulatory Information

1. TSCA: All components of this product are registered under the Regulations of the Toxic Substances Control Act, except EPA determining that *Ophiostoma pilifera* is not subject to Federal Plant Pest Act regulations and not regulated by TSCA.

### SARA

Reactive Hazard:	N
Pressure Hazard:	N
Fire Hazard:	N
Immediate/Acute:	N
Delayed/Chronic:	N
Contains an Extremely Hazardous substance:	N
Toxic Chemical:	This product does not contain any toxic chemical under Section 313 of the emergency planning a community right-to-know act of 1986.
CWA:	This product contains contains no known priority pollutants at concentration greater than 0.1%
FDA/USDA:	This product is not registered with the FDA/USDA
CEPA Priority Chemical:	Product not yet evaluated
DOT regulated:	No
RQ:	None
Shipping Name:	Chemical N.O.I. (NMFC 43940 RVHX \$1.65/lbs)
Hazard Classification:	Not D.O.T. regulated

### J. Special Precautions

Handling and Storage Information: Avoid Breathing Dust. Keep container closed when not in use. Use with adequate ventilation.

Other Precaution: None known

### K. Label Information

Label Hazards: None

Label Precautions: None

In accordance with good practises of personal cleanliness and hygiene, handle with due care and avoid unnecessary contact with this product.

No warranty, expressed or implied, regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof, is made/ Parrac Limited assumes no responsibility for damage or injury from the use of the product described herein.