

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078689401

N/A



## **MATERIAL SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY**

PRODUCT NAME: PET Fraction

PRODUCT CODE: PET01

COMPANY NAME: Mushroom Wisdom, Inc.

ADDRESS: 1 Madison Street, Building F

East Rutherford, NJ 07073, USA

TEL: 973-470-0010

FAX: 973-470-0017

[www.mushroomwisdom.com](http://www.mushroomwisdom.com)

### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

This product contains Maitake PD-fraction which is extracted from the fruiting body of Maitake mushroom (*Grifola frondosa*) by means of hot-water extraction, and some fractionation / purification processes.

### **3. HAZARDS INFORMATION**

ENVIRONMENTAL HAZARDS: Not known

HUMAN HEALTH HAZARDS: Not to be expected if handled and used properly

### **4. FIRST AID MEASURES**

INHALATION: Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Wash thoroughly with soap and water. If irritation persists, seek medical advice.

INGESTION: No known adverse effects

### **5. FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA: Sprayed water, CO<sub>2</sub>, powder or foam type extinguishers.

NOT TO BE USED: Not known.

POSSIBLE HAZARDS: Incomplete combustion can generate CO.

SPECIAL MEASURES: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus and protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid inhalation and direct contact with eyes. Use individual protective equipment in case of major spillages.

ENVIRONMENTAL PRECAUTIONS: N/A.

CLEANING UP METHOD FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible absorbent material, sweep up and remove to an approved disposal container. Observe federal, state, and local disposal regulations.

## 7. HANDLING AND STORAGE

HANDLING: Handle in ventilated areas. Observe good personal hygiene, and do not eat, drink, or smoke during manipulation.

STORAGE: Store in a cool, dry, and ventilated area away from heat sources and protect from light.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

HAND: Use chemical resistant gloves.

EYE: Use safety glasses.

SKIN AND BODY: Normal working clothing.

WORK / HYGIENE PRACTICES: Wash hands with soap and water after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Tincture

COLOR: Brown

ODOR: Characteristic

SPECIFIC GRAVITY: 1.18 – 1.25 g/mL

pH 4.0 –6.0

BOILING POINT: N/A

FLASH POINT: N/A

ACTIVE INGREDIENT: Maitake D-fraction (Proteoglucan)

OTHER INGREDIENTS: Glycerin and water

#### **10. STABILITY AND REACTIVITY**

STABILITY: Avoid humidity and excess heat

REACTIVITY: Avoid contact with strong acids or oxidizing agents

#### **11. TOXICOLOGICAL INFORMATION**

The oral toxicity of this product was evaluated in beagle dogs given three times recommended dose for ten weeks. Neither death nor abnormalities in body weight and blood tests were found during the experimental period.

#### **12. EXOLOGICAL INFORMATION**

BIODEGRADABILITY: Biodegradable

ECOTOXICITY: Data not available

#### **13. DISPOSAL CONSIDERATIONS**

METHOD OF DISPOSAL: According to the local legislation.

#### **14. TRANSPORT REGULATIONS**

This product is not subject to special regulation concerning transport

#### **15. REGULATORY INFORMATION**

N/A

#### **16. OTHER INFORMATION**

SHELF LIFE: 36 months unopened

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied.