



## SAFETY DATA SHEET

Version 1

Revision Date August 3, 2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : pTeroWhite® 90%  
 Product Number : 1675  
 Synonyms : Pterocarpus marsupium extract 90%  
 INCI Name : Pterocarpus Marsupium Bark/Wood Extract  
 Index- No. : ---  
 CAS- No. : 537-42-8 (*trans*)

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Intended for Cosmetic ingredient

#### 1.3 Details of the supplier of the safety data sheet

Company : Sabinsa Corporation  
 20 Lake Drive, East Windsor, NJ 08520, U.S.A

Telephone : 732-777-1111

Fax : 732-777-1443

#### 1.4 Emergency telephone number

Emergency Phone # : 732-777-1111

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

GHS Classification	Placard	GHS Hazard
Skin irritation	---	---
Aquatic Toxic (Chronic)	---	---

**GHS Hazard Phrases** : ---

**GHS Precaution Phrases** : P280: Wear protective gloves/ clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority.  
 : P273: Avoid release to the environment.

<b>GHS Response Phrase</b>	: P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. : P310: Immediately call a doctor/physician. : P391: Collect spillage.
<b>GHS Storage and Disposal Phrase</b>	: Please refer to section 7 for Storage and Section 13 for Disposal information.
<b>Route(s) of Entry</b>	: Inhalation: Yes; Skin: Not known; Eyes: Yes; Ingestion: Yes; Other: None
<b>Potential Health Effects (Acute and Chronic)</b>	: Causes serious eye damage Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion or skin absorption. May cause skin or respiratory system irritation.
<b>Target Organs</b>	: No data available
<b>Signs and Symptoms of Exposure</b>	: To the best of our knowledge, the toxicological properties have not been thoroughly investigated.
<b>Medical Conditions Generally Aggravated By Exposure</b>	: No data available.

**2.2 GHS Label elements, including precautionary statements**

Pictogram	: ---
Signal word	: ---

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**

**2.4** Repeated exposure may cause skin dryness or cracking.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

<b>3.1 Substances</b>	Isolated from <i>Pterocarpus marsupium</i> wood
Formula	: C <sub>16</sub> H <sub>16</sub> O <sub>3</sub>
Molecular weight	: 256.3
CAS- No.	: 537-42-8 (trans)
EC- No.	: ---
Index- No.	: ---
Registration number	: ---

## 4. FIRST AID MEASURES

### 4.1 Description of the first aid measures

#### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### **In case of Skin contact**

Wash off with soap and plenty of water. Consult a physician.

#### **In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### **If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/ or in section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### **Suitable extinguishing media**

Use water spray, alcohol- resistant foam, dry chemical or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

Carbon oxides

### 5.3 Advice for firefighters

Wear self- contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

Use water spray to cool unopened containers.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

For personal protection see section 8.

### 6.2 Environment precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet- brushing and place in container for disposal according to local regulations (see section 13).

### 6.4 Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion- proof equipment. Keep away from sources of ignition- No smoking. Take measures to prevent the buildup of electrostatic charge.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Store the material in tightly closed original container. Store this container in a cool, dry and well ventilated place. Protect against direct sunlight. Avoid heat, flames & other sources of ignition. Avoid contact with strong oxidizers.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters

Component	CAS- No	Value	Control	Basis
pTeroWhite® 90%	537-42-8 (trans)			
	Remarks	Not available		

### Biological occupational exposure limits

Component	CAS- No	Value	Control	Basis
pTeroWhite® 90%	537-42-8 (trans)			
	<b>Remarks</b>	Not available		

### Derived No Effect Level (DNEL)

Application	Exposure routes	Health effect	Values
Workers	Skin contact	Long- term systemic effects	Not available
Consumers	Ingestion	Long- term systemic effects	Not available
Consumers	Skin contact	Long- term systemic effects	Not available
Workers	Inhalation	Acute systemic effects	Not available
Workers	Inhalation	Long- term systemic effects	Not available
Consumers	Inhalation	Long- term systemic effects	Not available

### Predicted No Effect Concentration (PNEC)

Compartment	Value
Soil	Not available
Marine water	Not available
Fresh water	Not available
Marine sediment	Not available
Fresh water sediment	Not available
Onsite sewage treatment plant	Not available

#### 8.1.1 Exposure controls

##### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

##### Personal protective equipment

##### Eye/ face protection

Face shield and safety glasses. Use equipment for the eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body Protection

Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessments shows air- purifying respirators are appropriate use a full- face respirator with multi- purpose combination (US) or type AXBEK (EN 14387) respirator cartridges

as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Control of environment exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

a. Appearance	: Off white powder
b. Odor	: Characteristic
c. Odor Threshold	: Not available
d. pH	: Not available
e. Melting point/ freezing point	: Not available
f. Initial boiling point and boiling range	: Not available
g. Flash point	: Not available
h. Evaporation rate	: Not available
i. Flammability (Solid, gas)	: Not available
j. Upper/ lower flammability or explosive limits	: Not available
k. Vapor pressure	: Not available
l. Vapor density	: Not available
m. Relative density	: Not available
n. Water solubility	: Not available
o. Partition coefficient: n- octanol/water	: Not available
p. Auto- ignition temperature	: Not available
q. Decomposition temperature	: Not available
r. Viscosity	: Not available
s. Explosive properties	: Not available
t. Oxidizing properties	: Not available

### **9.2 Other safety information**

Surface tension	: Not available
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## **10. STABILITY AND REACTIVITY**

<b>10.1</b>	Reactivity	: Not available
<b>10.2</b>	Chemical stability	: Stable
<b>10.3</b>	Possibility of hazardous reactions	: Not available
<b>10.4</b>	Conditions to avoid	: Not available
<b>10.5</b>	Incompatible materials	: Strong oxidizing agents
<b>10.6</b>	Hazardous decomposition products	: Carbon dioxides and carbon monoxides

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

LD <sub>50</sub> Oral	: Not available
LD <sub>50</sub> Inhalation	: Not available
LD <sub>50</sub> Dermal	: Not available
Skin corrosion/irritation	: Not available
Serious eye damage/ eye irritation	: Not available
Respiratory or skin sensitization	: Not available
Germ cell mutagenicity	: Not available

#### Carcinogenicity

This product is or contains a component that is not classified as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

**IARC:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**NTP:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

**OSHA:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive toxicity	: Not available
Specific target organ toxicity- single exposure	: Not available
Specific target organ toxicity- repeated exposure	: Not available
Aspiration hazard	: Not available
Additional information	: Not available

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Kidney – Irregularities – Based on human Evidence

Skin - Dermatitis – Based on human evidence

Kidney – Irregularities – Based on human evidence

Skin – Dermatitis – Based on human trails

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## 12. ECOLOGICAL INFORMATION

12.1	Toxicity	
12.2	Toxicity to fish	: Not known
12.3	Toxicity to daphnia and other aquatic invertebrates	: Not known
12.4	Toxicity to algae	: Not known
12.5	Persistence and degradability	

12.6	Biodegradability	: Not known
	Bio accumulative potential	: Not available
12.7	Mobility in soil	: Not available
12.8	Results of PBT and vPvB assessment	: Not available
12.9	Other adverse effects	: Not available

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Product and waste

Can be eliminated as a non-hazardous industrial waste according to local regulations and Federal law concerning waste elimination

#### Contaminated packaging

Dispose of as unused product.

### 14. TRANSPORT INFORMATION

Consult applicable regulations for transport information

Additional information:

Proper shipping name: pTeroWhite® 90%

### 15. REGULATORY INFORMATION

European information

S26: In case of contact with eyes rinse, immediately with plenty of water and seek medical advice.

S36/37/38: Wear suitable protective clothing, gloves and eye face protection.

### 16. OTHER INFORMATION

The information contained herein is applicable solely to **pTeroWhite® 90%** and does not relate any other use of the substance described. Its use is intended by persons having technical skill and at their own discretion and risk. The information has been developed by Sabinsa Corporation Lab staff from resources considered reliable by Sabinsa Corporation.

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#### Preparation Information

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U.S.A.

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