

**Indigo Powder**

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Material Identity**

Product Name: Indigo Powder

General or Generic ID: Botanical Extract

Appearance: Dark Blue Fine Powder

Odor: Characteristic

Botanical Source: *Baphicacanthus Cusia*

**Company Identification**

Windy Point Soap Making Supplies Inc.

14, 6125-12th Street SE, Calgary, AB T2H 2K1

587-318-6678

www.windypointsoap.com

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

1) Indigo ( $C_{16}H_{10}N_2O_2$ )  $\geq 2.0\%$

CAS NO.: 482-89-3

2) Indirubin ( $C_{16}H_{10}N_2O_2$ )  $\geq 0.13\%$

CAS NO.: 479-41-4

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**3. HAZARDS IDENTIFICATION****Potential Health Effects****Eye**

Slightly irritant in case of eye contact

**Skin**

May cause skin irritation.

**Swallowing**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

**Inhalation**

Slightly irritant in case of inhalation.

**Symptoms of Exposure**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough), stomach or intestinal upset (nausea, vomiting, diarrhea).

**Target Organ Effects**

No data

### **Developmental Information**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

### **Cancer Information**

There is no information available. The chance of this material causing cancer is unknown. This material is not listed as a carcinogen by the International Agency for Research on Cancer.

### **Other Health Effects**

This material can form dust which may cause skin or mucous membrane irritation.

### **Primary Route(s) of Entry**

Inhalation, Skin and Eye contact.

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## 4. FIRST AID MEASURES

### **Eyes**

Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

### **Skin**

Remove contaminated clothing. Wash exposed area with soap and water.

### **Swallowing**

Don't induce vomit or give anything by mouth; If the person is not breathing, contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### **Inhalation**

If symptoms develop, move individual away from exposure and into a well well ventilated area. If symptoms persist, seek medical attention.

### **Note to Physicians**

No data

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## 5. FIRE FIGHTING MEASURES

### **Flash Point**

Not applicable

### **Explosive Limit**

Not applicable

### **Autoignition Temperature**

No data

### **Hazardous Products of Combustion**

May form carbon dioxide and nitrogen oxide.

### **Fire and Explosion Hazards**

Not available

## **Extinguishing Media**

Regular foam, water, carbon dioxide, sand.

## **Fire Fighting Instructions**

Regular equipments, no use water jet.

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## 6. ACCIDENTAL RELEASE MEASURES

### **Small Spill**

Sweep up material for disposal or recovery, and spread water on the contaminated surface and dispose of according to local and regional authority requirements

### **Large Spill**

Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material. And spread water on the contaminated surface and allow to evacuate through the sanitary system.

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## 7. HANDLING AND STORAGE

### **Handling**

Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

### **Storage**

Store in dry/cool and ventilated places ,away from strong direct light and heat.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Eye Protection**

Wear safety glasses

### **Skin Protection**

Wear resistant gloves such as: latex.

### **Respiratory Protections**

Wear respirator equipments

### **Engineering Controls**

Provide sufficient mechanical ventilation to maintain exposure below level of overexposure.

### **Exposure Guidelines**

No exposure limits established

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **Boiling Point**

No data

### **Vapor Pressure**

No data

### **Specific Vapor Density**

No data

### **Specific Gravity**

No data

**Liquid Density**

No data

**Percent Volatiles**

No data

**Evaporation Rate**

Not applicable

**State**

SOLID POWDER

**Color**

Dark blue

**Odor**

Characteristic

**PH**

No data

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**10. STABILITY AND REACTIVITY****Hazardous Decomposition**

May form: carbon dioxide and nitrogen oxide.

**Chemical Stability**

Stable.

**Incompatibility**

No data

**Instability Temperature**

No Data

**Instability conditions**

No Data

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**11. TOXICOLOGICAL INFORMATION**

No data

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**12. ECOLOGICAL INFORMATION**

No data

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**13. DISPOSAL CONSIDERATION****Waste Management Information**

Dispose of with other normal, solid waste

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**14. TRANSPORT INFORMATION**

Far away from fire, humidity and other hazardous chemicals

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**15. OTHER INFORMATION**

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