



SAFETY DATA SHEET

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

Soap & More the Learning Centre Inc.

3830 7 St SE Calgary AB T2TG 2Y8

403-217 2346 www.soapandmore.ca info@soapandmore.ca

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

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.

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

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.

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.

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.

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

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

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

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information

Dispose of with other normal, solid waste

14. TRANSPORT INFORMATION

Far away from fire, humidity and other hazardous chemicals

15. OTHER INFORMATION

This safety data sheet is based on the properties of the material known to Soap & More at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Soap & More holds no responsibility. This document is not intended for quality assurance purposes.