Bay House INGREDIENTS

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: INDIGO POWDER
INCI Name: INDIGOFERA TINCTORIA LEAF EXTRACT
CAS No: 84775-63-3
EINECS No: 283-892-6
TSCA CAS No:
FEMA:
Chemical Name:
Botanical Name:
Origin: El Salvador

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

Identified use (s): Natural antioxidant, binding, colouring/dye material for manufacturing purposes.

Details of the supplier of the safety data sheet

Company Name: BAY HOUSE INGREDIENTS
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 210270
Fax: 🖷 + 44 (0) 1908 211376
Email : ✉ sales@bay-house.co.uk
Emergency Tel. No.: ☎ + 44 (0) 1908 210270

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Classified as NON-HAZARDOUS according to criteria of EC GHS and EU DSD

Symbols: NOT ALLOCATED **Signal word:** NOT ALLOCATED

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: INDIGO POWDER (% Natural)

Indigo Powder is from the dried and pulverised leaves of plant Indigofera tinctoria L.

EINECS No: 289-610-8 **CAS No:** 89957-89-1 **TSCA CAS No:**
FEMA: **FDA:** **HC (%):**

SCCS considers that Indigofera tinctoria is safe when used in non-oxidative condition hair colouring products at on-head concentrations of up to 25%.

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4. FIRST AID MEASURES

Ingestion: No immediate danger. Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.

Inhalation: Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.

Eye contact: Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.

Skin contact: Remove contaminated clothing wash thoroughly with soap and water and rinse. May causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguisher: Use CO2, Foam, Powder or water mist extinguishers only.

Smoke/Fumes: Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide). fire-fighters should wear suitable breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Safety Precautions: Wear precautionary safety gloves and glasses & FFPI Nuisance Dust mask. (Consult sections 7 & 8 for additional information)

Environmental Safety Precautions: Eliminate all sources of ignition.
Prevent any material entering drains or waterways.

Damp down, or cover with inert material, sweep up or vacuum avoiding dust formation.
Wash area clean with water and detergent.Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

Handling Precautions: Use in a well ventilated area. Should be treated as a nuisance dust under normal conditions of use. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure.

Storage Precautions: Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Ensure adequate ventilation.
Precautionary nuisance dust mask recommended.

Skin/Hand Protection: Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.



Eye/Face Protection: Wear safety glasses/visors.
Ensure eye washes are available.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dried dark blue powder.
Odour:	Neutral odour
Reduction Grade:	Whole leaves
Production Method:	Dried and ground
Cleaning :	Conventional
Genetically Modified:	No
Moisture Content %:	< 10
Indigotin Content %:	35 - 45
pH Value:	7.0 - 9.0
Zinc Content:	< 100ppm
Chromium Content:	< 50ppm

10. STABILITY AND REACTIVITY

Thermal stability: Product is stable at room temperature, thermal decomposition >1000°C
Keep away from any source of ignition.
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

Hazardous reactions: Avoid strong oxidisers, acids and alkalis.
Colour changes to greenish yellow in alkaline medium

11. TOXICOLOGICAL INFORMATION

Oral LD50: 1200 mg/Kg **This product is NOT intended for oral use.**

Dermal LD50: N/A

LD50 dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals

12. ECOLOGICAL INFORMATION

Ecological effects: No data available
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

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14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.):	Non-Regulated Material
ADR/RID (Road/Rail):	Not restricted
IMDG-CODE (Sea):	Not listed
ICAO/IATA (Air):	Not regulated
UN Number:	
Packing Group:	
Subsidiary Risk:	
Packing Instructions:	Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON-REGULATED MATERIAL

15. REGULATORY INFORMATION

Product Classification: INDIGO POWDER

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON– HAZARDOUS

Safety Precautions:
Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

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