

INDIGOFAST

Aiswarya Exports

Natural Dyes and Leaves Exporters

No: 1, Amman Kovil Theru, Kongarappattu,

Gingee-Tk, Villupuram-Dt, Tamilnadu,

India. Pin - 604306



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Website: www.indigofast.in

GSTIN: 33ADNPI4579G1ZB

INDIGOFAST (Natural Dyes Exporter)

ABOUT US

INDIGOFAST formerly Aiswarya Exports, is known for satisfying its customers on demand. The Indigofast is one of the prominent businesses in the Indigo Leaves, Natural Pigment, Indigo Powder and more. It is also known for Natural Indigo Blue Cake, Natural Indigo Blue Powder, Natural Indigo Leaves Powder, Natural Indigo Dry Leaves, Natural Henna Powder etc.

Indigofast has made a name for itself in the list of top suppliers of Natural Indigo products such as Natural Indigo cake, Natural Indigo Blue dye, Natural Indigo Leaf. As we are into the business generation by generation, from my father Eminent Mr. M. Tamilarasan, who were the One of the person and initiated to start the Indigo cake process in our town, and we are proud to say it loud. he is not expert only in processing indigo. He is also well expert in all field crops and his tribute is taken place in Naam Vuzhavar book.

As God we used to worship the Indigo as God, we even won't step the plant, we don't even hesitate face reaction in smell while doing cake, we have well experienced and good knowledge enough about indigo plant nature, like when to cultivate, how to process the Indigo dye, it's suitable crop season, it's Nature how to presavate, so we are proud and pride to say we were well vast knowledge about indigo plant.

- Our main motto is supply the high quality Indigo dye thought the world.
- We never compromise are adjust with the quality, we never composite about our product.
- There is partiality for less order and bulk order, equal priority for both.

The applications of Natural Indigo products,

(i) HAIR TREATMENT:

As indigo grow well only at natural fertilizer like animal dunk, and no high level chemical has been used. So it's very well used for hair dye

- ❖ It treats and prevents premature greying.
- ❖ It can lead to new hair growth and treat baldness.
- ❖ It treats dandruff and conditions dry hair.
- ❖ It prevents scalp infections and soothes the scalp.
- ❖ It smoothens the tangles, makes your hair thicker, more manageable and lustrous.

(ii) DYEING CLOTHES

The primary use for indigo is as a dye for cotton yarn, which is mainly for the production of denim cloth for blue jeans. On average, a pair of blue jean pants requires 3–12 g of indigo. Small amounts are used for dyeing wool and silk. Indigo carmine, or indigo, is an indigo derivative which is also used as a colorant.

(iii) MEDICINAL VALUE

It is used to treat epilepsy, nervous disorders, asthma, bronchitis, fever, complaints of stomach, liver, kidney and spleen, as a rabies prophylactic, it is also used as an ointment for skin diseases, wounds, sores, ulcers and haemorrhoids.

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Overview of the Company:

Indigofast, is a leading player in the Indigo Leaves, Natural Pigment, Indigo Powder in the, Tamil Nadu Since 1979. This famous brand is a one-stop solution for its customer's needs in both the cases of local customers and other parts of India. Over a while, this business became a well-known brand in its industry. Customer satisfaction is equally important as product quality and better service, this helps the company to build a huge customer base and continue to grow day by day. The employee involved in the Indigofast is dedicated to their roles and responsibility and work hard to achieve the company's mission and vision. The future goal of the Indigofast is to expand its business and reach a vast customer base in rural areas and urban areas. In the, this brand places a prominent location. You can easily find a transport service at this location without extra effort. For first-time visitors, this establishment is located nearby. It is a well-known brand that provide services in these categories: Natural Indigo Blue Cake, Natural Indigo Blue Powder, Natural Indigo Leaves Powder, Natural Indigo Dry Leaves, Natural Henna Powder.

Products and Services offered by the company:

Indigofast in the, Tamil Nadu provides a wide range of products and services to serve its vast customer base. The company staff is very decent and guides you in the proper direction, worth your purchase. After purchase also provides customer support and answers your queries related to your purchase. Indigofast is the place where business meets science and takes responsibility for the creation of natural and sustainable environment. We aim to provide our customers with natural products and reach zero wastage to the environment. Textile industries and dyeing houses are known to pollute our earth in a very significant proportion. With the available resources and intellectual research team, we tirelessly work to control the harmful and toxic products in these sectors. Making this world, a better place. You might be an artist who would like to introduce yourself and your work here or maybe you're a business with a mission to describe.



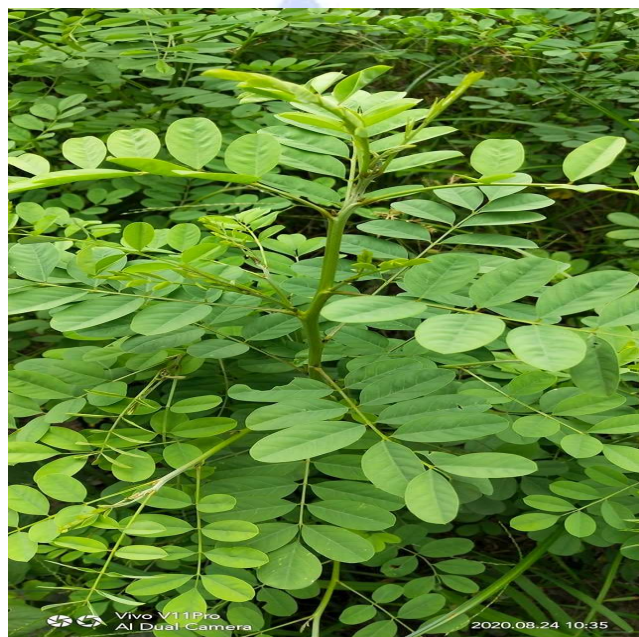


INDIGO POWDER IS A NATURAL HAIR DYE

Indigofera tinctoria, also called true indigo, is a species of plant from the bean family that was one of the original sources of indigo dye. A natural hair dye, the indigo powder can be used to replace artificial hair dyes. The plant -based nature of indigo powder is gentle on your tresses and does not contain any of the harmful chemicals - like ammonia and peroxide.

Day 1: Apply procedure for Henna

- Blend 100-gram henna powder with 120 ml Luke warm water + 1 tbsp. lemon juice / aloe vera gel to a smooth thick pancake batter consistency. For long hair shoulder length double all the quantities.
- Leave mixer covered overnight in a glass bowl or cast iron pot
- Next day apply henna paste to clean hair. Ensure complete coverage, taking small sections and liberally covering every strand from root
- Cover hair in a shower cap and keep henna for 4 hours or longer
- Rinse thoroughly with water. Do not use any product including shampoo.



Day 2: Apply procedure for Indigo

- The day after henna, blend indigo powder with warm water to a thick pancake batter consistency. Use a non-metallic, non-plastic bowl (Preferably glass).
- Apply indigo paste immediately to hair, ensuring complete coverage.
- Cover hair in a shower cap and for 4 hours or longer.
- Rinse thoroughly with water. Alternatively use a mild shampoo or co-wash.

Applications of Natural Indigo:

- Indigo leaf powder for black hair.
- Prevents hair graying.
- Indigo powder will cure for hair loss.
- Indigo leaf oil as a hair growth treatment.
- Indigo leaf powder as a home remedy for dandruff.
- Indigo hair pack for dry tresses.

**Day 1: மருதாணி பொடியை பயன்படுத்தும் முறை**

- 100 கிராம் மருதாணி பொடியை 120 மில்லி சற்று வெதுவெதுப்பான நீரில் 1 டீஸ்பூன் எலுமிச்சை சாறு / கற்றாழை ஜெல் கலக்கவும்.
- மென்மையான தடிமனான பான்கேக் மாவு நிலைத்தன்மைக்கு கலக்கவும்.
- நீண்ட முடி தோள்பட்டை நீளம் அனைத்து அளவுகள் இரட்டிப்பாகும்.
- மிக்ஸியை ஒரு கண்ணாடி கிண்ணத்தில் அல்லது வார்ப்பிரும்பு பாத்திரத்தில் இரவு முழுவதும் மூடி வைக்கவும்
- அடுத்த நாள் மருதாணி சுத்தமான கூந்தலுக்கு தடவுவோம்.
- முழுமையான கவரேஜை உறுதிசெய்து, சிறிய பகுதிகளை எடுத்து, வேரிலிருந்து ஒவ்வொரு இழையையும் தாராளமாக தடவுவோம்
- ஷவர் கேப்பில் முடியை மூடி, மருதாணியை 4 மணிநேரம் அல்லது அதற்கு மேல் வைக்கவும்
- தண்ணீரில் நன்கு துவைக்கவும் குளிக்கவும். ஷாம்பு உட்பட எந்தப் பொருளையும் பயன்படுத்தக் கூடாது.

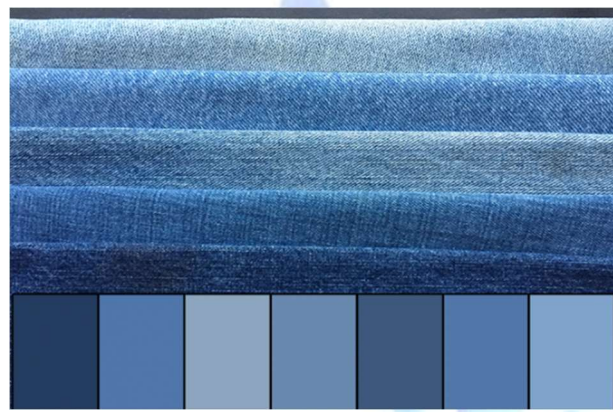
Day 2: அவரி /இண்டிகோ பொடியை பயன்படுத்தும் முறை

- மருதாணிக்கு மறுநாள், இண்டிகோ பவுடரை வெதுவெதுப்பான நீரில் கலக்கவும். உலோகம் அல்லாத, பிளாஸ்டிக் அல்லாத கிண்ணத்தைப் பயன்படுத்தவும் (முன்னுரிமை கண்ணாடி)
- இண்டிகோ பேஸ்ட்டை உடனடியாக முடிக்கு தடவவும், முழுமையான கவரேஜை உறுதி செய்யவும்
- ஷவர் கேப்பில் முடியை மூடி 4 மணிநேரம் அல்லது அதற்கு மேல் வைக்கவும்
- தண்ணீரில் நன்கு குளிக்கவும். மாற்றாக லேசான ஷாம்பு பயன்படுத்தவும்.

Natural Indigo Blue Dye for Denim/Fabric/Cotton/Leather

Natural indigo is obtained from a variety of plants, the most widely used one being *indigofera tinctoria*. This shrub grows wild and is cultivated in tropical areas throughout the world. Indigo powder - the famous blue dye - is extracted from the leaves of the indigo plant. The extract may be purchased as lumps or chips (both of which require grinding before use) or as a fine powder.

Indigo is also available in leaf form - the leaves are harvested, dried and ground into a powder. This form is used as a hair dye and other direct applications. We don't recommend the dried leaf for making these indigo vats. Indigotin was first synthesized in 1880. Today, synthetic indigo is manufactured from raw materials obtained from the petrochemical industry. It is used on a large scale in the commercial production of blue jeans. Unlike synthetic indigo, natural indigo is extracted from indigo plants. Indigo can dye all natural fibres. It gives beautiful shades of blue — from the palest summer sky to an almost purple black. The colour achieved depends on the type of vat, the concentration of indigo, and the number of dips. Indigotin (the dye component of indigo powder) is insoluble in water. To use it for dyeing it must be reduced to a water-soluble form.



Although the chemical formula for natural and synthetic indigo is the same, synthetic indigo is almost pure indigotin. Natural indigo has a high proportion of impurities such as indirubins, that give beautiful colour variations. Like fine wines, the blue you get depends on where the indigo was grown and the weather at the time. Synthetic indigo on the other hand, produces an even blue that never varies.

Natural indigo is a sustainable dye; after the pigment has been extracted the plant residue can be composted and used as a fertiliser and the water reused to irrigate crops. Natural indigo can often be traced to its country of origin, and even to the farm where it was produced. In buying it, you will be helping to give sustainable employment to rural population in developing countries. Synthetic indigo on the other hand is extracted from petrochemicals and its manufacture produces hazardous waste. By using natural indigo, you will be helping the environment and reducing the use of petrochemicals. Natural indigo is the ideal blue dye to use on handmade textiles and on natural fibres; it may cost a little more than synthetic indigo, but the main cost of handmade items is time. Natural indigo is also essential for living history research, and for historic re-enactments. This may seem obvious, but if you want to use natural dyes, you need to use natural indigo rather than synthetic. Synthetic indigo is **not** a natural dye. Sometimes dyers may be unaware that they are in fact using synthetic indigo, as some shops don't always make it clear what type of indigo they are selling. If in doubt, check with your supplier!

Extraction of Indigo Dye from INDIGOFERA TINCTORIA Process:

- 1.HARVESTING THE FRESH NATURAL INDIGO LEAVES (INDIGOFERA TINCTORIA)
- 2.FRESHLY HARVESTED INDIGO LEAVES PUT INTO THE TANK DIRECTLY, WHICH IS FILLED WITH WATER AND SOAKED BY PRESSING THE WOODEN RODS, FOR THE FERMENTATION PROCESS, OVER THE NIGHT.
- 3.NEXT DAY ONCE FERMENTATION PROCESS IS DONE IN WATER AND IT TURNED BLUE, REMOVING THE INDIGO LEAVES FROM THE TANK
- 4.REALISING THE WATER TO SECOND TANK
- 5.PEDALLING THE WATER, FOR THE OXIDATION PROCESS AND REST IT OVER NIGHT
- 6.WATER REMOVES, AND SEDIMENTED INDIGO PASTE COLLECTS
- 7.BOILING THE PASTE
- 8.AGAIN FILTERS THE PASTE, REST IT OVER NIGHT TO REMOVE THE EXCESS MOISTURE CONTENT
- 9.PASTE IS PRESSED AND MADE IT CAKE
- 10.DRYING IT IN SUNLIGHT
- 11.FRESH INDIGO CAKE IS READY AND MADE IT INTO FINE POWDER



HARVESTING NATURAL INDIGO LEAVES (INDIGOFERA TINCTORIA)



FILLING THE TANK WITH FRESH LEAVES & TIGHTENING AND SOAKING THE LEAVES OVERNIGHT



PEDALLING THE WATER 2 to 3 Hours and OXIDATION IS DONE AND LEAVE IT OVERNIGHT



COLLECTING THE INDIGO PASTE



BOILING THE INDIGO PASTE, FILTERS THE INDIGO PASTE & PRESSING AND LOCKING



SLICING THE CAKE FOR DRYING