

Natural indigo dyeing for cotton, silk, or linen.

## Natural mixed-indigo dye kit (Japanese, Indian, Chinese indigo)

### **Let's dye with natural indigo!**

There are some species of indigo botanicals and each of them has both advantages and disadvantages to enjoying indigo dyeing.

We mix Japanese Sukumo indigo, Indian indigo, and Chinese indigo (Ma-indigo) in order to maximize each character in dyeing.

In making indigo liquid, you will use glucose (used for reduction) and slaked lime (used as an alkali agent).

The maximum weight of the cloth you can dye is 200g.

### **It will take approximately 2 hours to get finished the dyeing process.**

Natural indigo tends not to dye deeply because of the chlorine in the water.  
Therefore, the water which makes indigo liquid is appropriate for the followings.

• **Pumping (about half a day in sunlight, at least 24 hours indoors)**

• **Boiling (boil for at least 10 minutes)**

The water used for oxidizing or fixing doesn't need to be them.

### **< Contents >**

- Natural indigo mix 20g
- slaked lime 40g
- glucose 40g
- vinyl gloves

### **< You have to prepare >**

- Bucket (indigo stains may stick them / filled with 10L of the water) x 2~3
- Stainless steel rod or long chopstick
- Vinegar 80cc
- Water (Room temp): 2L for indigo liquid / 4L for color fixing / 4L for washing
- Water (80°C: boil for at least 10 minutes): 2L for indigo liquid

△ Please take care of the following things.

- The preservation period of the set is 6 months.
- When dissolved in water, use it within 48 hours.
- If the indigo gets on the clothes or floor, it may not come off. Always wear vinyl gloves and cover the floor or kitchen with newspaper.
- Store it in a cool place out of reach of children and out of direct sunlight.
- If you accidentally ingest indigo solution, rinse out your mouth immediately, drink a lot of water, and seek medical attention.
- Indigo-dyed fabrics may fade slightly, so we recommend hand washing with a mild detergent.

## <How to dye 150g T-shirt with YAMATO INDIGO>

- 1: Soak the cloth in water for 10min to avoid uneven dyeing. After 10min, wring it softly.
- 2: Slowly put the natural indigo mix and slaked lime into a bucket with vinyl gloves.
- 3: Slowly pour 2L of the hot water (80°C) into the bucket. Please care about burning yourself.
- 4: Stir the bucket for 5min. Then the color of the indigo liquid will change into the green from yellow.
- 5: While the indigo liquid is still hot, put the glucose into the bucket and stir again for 5min. The smell of the liquid will be sweet because of the glucose.
- 6: Pour 2L of the water (room temp) into the bucket and stir it for 5min. Then the temperature of the liquid is about 45°C. If it is too hot, please leave it to stand for a while. Then you complete making indigo liquid.
- 7: Remove the glistening bubbles which cause unevenness.
- 8: Put the T-shirts into the liquid slowly.
- 9: Dye the fabric for 3 minutes. During this process, take care of the fabric not coming out of the surface of the liquid and dye it for 3 minutes by rubbing it slowly with your hands.
- 10: After 3 minutes, slowly pull up the fabric and squeeze it softly. Then, the color of the T-shirts is still green.
- 11: Put 4L of the water in another bucket and wash the fabric lightly with the repeat of putting in and taking out the cloth.
- 12: After rinsing, squeeze the dough and let it air dry for 3 minutes. The indigo reacts with oxygen in the air and oxidizes, and the cloth's color will change from green to navy.  
\* Repeat step 8-12 for a darker color. If you want a lighter color, do not repeat these steps.
- 13: Use the vinegar so as to fix the color and make a better indigo color.
- 14: Soak the cloth in water (4L) with 80cc vinegar for 15~30min.
- 15: After that, remove the fabric and wash it in cold water until the indigo color flows out from the fabric.
- 16: Dry it well; all you have to do is finish.

<When you repeat the dyeing process...>

- ①dyed once
- ②dyed twice
- ③dyed three times
- ④using AZ special (reducing agent)

③ is the limits of natural indigo. If you want a deeper color, we recommend using AZ special as a reducing agent. AZ special is our special product which reinforces the dyeing power of indigo liquid as ④.

You can dye silk stole beautifully.