



LOGWOOD Natural Dye Extract

ORIGIN	Logwood is a dye made from the heartwood of a tropical tree. Our powdered Logwood Extract is produced from the shavings of Logwood trees farmed sustainably in Mexico.
FIBERS	Logwood dyes well on both protein fibers (such as silk and wool) and cellulose fibers (such as cotton and hemp). Cellulose fibers require more dye. It can also be used as a hair dye!
FASTNESS	Good fastness to light and washing. Poor fastness to acids.*
HOW MUCH TO USE	Use 3% - 15% by weight for dyeing silk or wool, depending on the desired intensity of color. Use 5% - 25% by weight on cellulose fibers.
MORDANTS /FIXERS/ ASSISTS	Alum and Tin give purples. Alum purples are bluer, and Tin purples are redder. Copper will give a true "navy blue". Iron gives blacks and greys. For a black, first soak the fiber in Tannic Acid at 25% by weight for at least an hour. Add Cream of Tartar to the mordant bath when pre-mordanting with Tin , as the Tin is slightly acidic. Logwood is highly pH sensitive. Acids (such as Citric Acid , Oxalic Acid , or vinegar) will turn the dye more red. Alkaline materials (such as Ammonia, Washing Soda , or Chalk) will turn the dye more blue. Add the substance to your vat until the dye reaches the desired tone.
HOW TO EXTRACT	No need to extract! This Logwood Extract is ready to use for dyeing, just mix with water.
HOW TO DYE	For vat dyeing, mix the extract with enough warm water to comfortably submerge whatever you're dyeing. Submerge the material until it achieves the desired intensity of color, stirring gently every 10 minutes. For a black, this takes at least an hour. For light violets, much less time -- even just a few minutes! For black and dark tones, heating is recommended. For paint dyeing, mix with a little warm water. Add a thickener (such as cornstarch) if you wish a thickened paint.
DISPOSAL	Down the drain is fine.
CARE *	Handwash, use a mild soap such as Dr. Bronner's. <u>Do not soak.</u> Be mindful around acidic substances, such as salad dressings. Acids can stain any logwood-dyed fiber. If you do get an acid on your fabric, dab it with a little ammonia as soon as you can.

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