



the art and science of smart patch testing™

DC998: Disperse blue 124

Patient Information

Your patch test result indicates that you have a contact allergy to disperse blue 124. This contact allergy may cause your skin to react when it is exposed to this substance although it may take several days for the symptoms to appear. Typical symptoms include redness, swelling, itching, and fluid-filled blisters.

Where is disperse blue 124 found?

Disperse blue 124 is a dark blue textile dye found in fabrics colored dark blue, brown, black, purple, and some greens. Disperse blue 124 is frequently found in 100% acetate and 100% polyester fabrics. It may also be found in bedding, nylon stockings, swimming suits, and tights. Allergic patients should avoid contact with these materials and should wear fabric made of natural fibers such as silk, wool, and cotton. New clothing or bed linens should be washed multiple times before use. Long sleeve white silk underwear can be worn if certain outer wear fabrics cannot be avoided.

If you are allergic to disperse dye allergy, you also may react to para-phenylenediamine (PPD). If you are allergic to a disperse dye, avoid polyester and acetate fabrics (and nylon, if possible). Avoid garments made from pure polyester; acetate blends; and colored with blue or dark colors like black, brown, green, violet, and purple. Wear loose-fitting clothes if possible and avoid nylon stockings, especially dark colors. New clothing or bed linens should be washed multiple times before use. Levi Strauss 501 blue jeans usually do not cause dermatitis in dye-sensitive individuals.

How can you avoid contact with disperse blue 124?

Avoid products that list the following in the ingredients:

- Disperse Blue 124
- C.I. Disperse Blue 124
- Ethanol, 2-[ethyl[3-methyl-4-[2-(5-nitro-2-thiazolyl)diazenyl]phenyl]amino]-, 1-acetate
- Ethanol, 2-[N-ethyl-4-[(5-nitro-2-thiazolyl)azo]-m-toluidino]-, acetate (ester)
- C.I. 111938
- Serisol3RD
- Ethanol, 2-[ethyl[3-methyl-4-[(5-nitro-2-thiazolyl)azo]phenyl]amino]-, acetate(ester)

What are some products that may contain disperse blue 124?

Products that have been colored dark blue, brown, black, purple or green:

Acetate and polyester fabrics/liners

Bedding

Clothing

Nylon stockings

Swimming suits

Tights (Spandex & Lycra)

Velour

Children's diapers

*For additional information about products that might contain **disperse blue 124**, go to the Household Product Database online (<http://householdproducts.nlm.nih.gov>) at the United States National Library of Medicine. These lists are brief and provide just a few examples. They are not comprehensive. Product formulations also change frequently. Read product labels carefully and talk to your doctor if you have any questions. These are general guidelines. Talk to your doctor for more specific instructions.