DC340: Disperse blue 106

Patient Information
Your patch test result indicates that you have a contact allergy to disperse blue 106. 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 106 found?
Disperse blue 106 is a dark blue textile dye found in fabrics colored dark blue, brown, black, purple, and some greens. Disperse blue 106 is frequently found in the 100% acetate and 100% polyester fabrics, but may also be found in bedding, nylon stockings, swimming suits, and tights. Allergic patients should avoid contact with these materials, wash new clothing or bed linens multiple times before use, and wear fabric made of natural fibers such as silk, wool, and cotton.

How can you avoid contact with disperse blue 106?
Avoid products that list any of the following names in the ingredients:
- Disperse Blue 106
- 2-(Ethyl(3-methyl-4-((5-nitro-2-thiazolyl)azo)phenyl)amino)ethanol
- Ethanol, 2-(ethyl(3-methyl-4-((5-nitro-2-thiazolyl)azo)phenyl)amino)-

What are some products that may contain disperse blue 106?
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

Some patients with disperse dye allergy also react to para-phenylenediamine.

Patients allergic to a disperse dye should avoid polyester and acetate fabrics (and nylon, if possible). They should also avoid garments made from pure polyester, acetate blends, colored blue or dark colors like black, brown, green, violet and purple.
Wear loose fitting clothes if possible and avoid nylon stockings especially dark colors.

Wash new clothing or bed linens twice before use.

Levi Strauss 501 blue jeans usually do not cause dermatitis in dye-sensitive individuals.

Wash all new clothes and bed linens three times before using.

Try to wear natural-based fabrics, silk, cotton, and wool.

Long sleeve white silk underwear can be worn if certain outer wear fabrics cannot be avoided.

*For additional information about products that might contain disperse blue 106, 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.