Your patch test result indicates that you have a contact allergy to quinoline mix. 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 quinoline mix found?
Quinolines are a group of synthetic antibacterial agents that may be used in combination with corticosteroids to treat skin infections such as eczema, athlete’s foot, jock itch and ringworm. It may also be used as an anti-infective, anti-fungal and anti-bacterial agents to treat gastrointestinal and vaginal infections.

Quinoline mix contains the following two allergens:
• Clioquinol
• Chlorquinaldol

How can you avoid contact with quinoline mix?
Avoid products that list any of the following names in the ingredients:
• Clioquinol
• Chlorquinaldol
• Chloriodoquin
• Iodochlorhydroxyquin
• Sterosan
• Vioform

When purchasing products that may come in contact with your skin, check the list of ingredients for the above names. If in doubt contact, your pharmacist or physician.

What are some products that may contain quinoline mix?
Antibacterials
Antifungals

Prescription and nonprescription preparations:
• topical antibiotic and antifungal creams, lotions, and ointments

Paste bandages sold in pharmacies for the treatment of wound infections, infected eczema and mycotic skin infections

For additional information about products that might contain quaternium 15, 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.