

NA87: DI Alpha Tocopherol

CAS#: 10191-41-0

Patient Information

Your patch test result indicates that you have a contact allergy to dl alpha tocopherol. 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 dl alpha tocopherol found?

DI alpha tocopherol is a synthetic form of vitamin E and is used for its antioxidant properties. It is found in many personal care products such as skin creams and lotions to promote skin healing and reduce scarring after injuries such as burns. It is not clear if individuals allergic to dl alpha tocopherol will cross react with related derivatives.

How can you avoid contact with dl alpha tocopherol?

Avoid products that list any of the following names in the ingredients:

- Vitamin E acetate dl-form
- (+)-alpha-Tocopherol acetate
- CCRIS 6054
- DL-alpha-Tocopherol acetate
- DL-alpha-Tocopheryl acetate
- EINECS 257-757-7
- Ephynal
- Syntopherol acetate
- all-rac-alpha-Tocopheryl acetate
- dl-alpha-Tocopheryl acetate
- 2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-((4R,8R)-4,8,12-trimethyltridecyl)-, acetate, (2R)-rel-

What are some products that may contain dl alpha tocopherol or other forms of vitamin E?

- Antifungal Products:
 - Athlete's foot
 - Jock itch
- Baby and Body Powder
- Baby Wipes
- Cold Sore Products
- Cosmetics:
 - Blush
 - Concealer
 - Eye liner
 - Foundation
 - Mascara
 - Nail polish
 - Pressed powder
- Deodorants
- Gum and Mints
- Hair Care Products:
 - Conditioner
 - Hair dye
 - Hairspray
 - Hot oil treatments
 - Leave-in conditioner
 - Mousse
 - Sculpting cream
 - Shampoo
- Lip Balms/Lipsticks
- Lotions and Moisturizers
- Shaving Creams and Gels
- Skin Care Products:
 - Antioxidant creams
 - Anti-itch creams/gels
 - Scar treatment
- Soaps and Cleansers:
 - Bar soap
 - Body wash
 - Cleansing cloths
- Sunscreens
- Vitamin E Supplements

*For additional information about products that might contain **dl alpha tocopherol**, go to the Household Product Database online (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.