



the art and science of smart patch testing™

PG320: 1,4-butanediolediglycidyl ether

CAS#: 2425-79-8

Patient Information

Your patch test result indicates that you have a contact allergy to 1,4-butanediolediglycidyl ether. 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 1,4-butanediolediglycidyl ether found?

This substance is used as a solvent and in the manufacture of some types of plastics. It can be found in household products.

How can you avoid contact with 1,4-butanediolediglycidyl ether?

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

- (Tetramethylenebis(oxyethylene))dioxirane
- 1,4-Bis(2,3-epoxypropoxy)butane
- 1,4-Bis(2,3-epoxypropoxy)butane
- 1,4-Bis(glycidioxy)butane
- 1,4-Bis(oxiranylmethoxy)butane
- 1,4-Butane diglycidyl ether
- 1,4-Butanediol diglycidyl ether
- 1,4-Diglycidioxybutane
- 1,4-Diglycidioxybutane
- 2,2'-(1,4-Butanediylbis(oxyethylene))bis(oxyethylene)
- 5-17-03-00023 (Beilstein Handbook Reference)
- Araldit DY 026
- BRN 0115238
- Butane, 1,4-bis(2,3-epoxypropoxy)-
- Butane-1:4-diol diglycidyl ether
- Butanediol diglycidyl ether
- CCRIS 2639
- CD 15006 A
- ChS-RR2
- EINECS 219-371-7
- Grilonit RV 1806
- HSDB 5459
- NSC 24834
- Oxirane, 2,2'-(1,4-butanediylbis(oxyethylene))bis-
- TK 10352
- Tetramethylene glycol diglycidyl ether

What are some products that may contain 1,4-butanediolediglycidyl ether?

Household products

*For additional information about products that might contain **1,4-butanedioldiglycidyl ether**, 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.