



the art and science of smart patch testing™

RC294: morpholinyl mercaptobenzothiazole

CAS#: 102-77-2

Patient Information

Your patch test result indicates that you have a contact allergy to morpholinyl mercaptobenzothiazole. 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 morpholinyl mercaptobenzothiazole found?

This substance is used in the vulcanization of rubber.

How can you avoid contact with morpholinyl mercaptobenzothiazole?

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

- 2-(4-Morpholiniothio)benzothiazole
- 2-(4-Morpholinylmercapto)benzothiazole
- 2-(4-Morpholinylthio)benzothiazole
- 2-(Morpholiniothio)benzothiazole
- 2-Benzothiazolesulfenamide, N-morpholinyl-
- 2-Benzothiazolesulfenmorpholide
- 2-Benzothiazolyl N-morpholino sulfide
- 2-Benzothiazolylsulfenyl morpholine
- 2-Benzothiazolylsulfenylmorpholine
- 4-(2-Benzothiazolylthio)morpholine
- 4-27-00-01868 (Beilstein Handbook Reference)
- AI3-27134
- AMAX
- Accel NS
- BRN 0191684
- Benzothiazole, 2-(4-morpholinylthio)-
- Benzothiazole, 2-(morpholiniothio)-
- Benzothiazolyl-2-sulfenmorpholide
- CCRIS 4911
- Cure-rite OBTS
- Delac MOR
- EINECS 203-052-4
- HSDB 2867
- MBS
- Meramide M
- Morpholine, 4-(2-benzothiazolylthio)-
- Morpholinylmercaptobenzothiazole
- N,N-(Oxydiethylene)-2-benzothiazylsulfenamide
- N,N-(Oxydiethylene)benzothiazole-2-sulfenamide
- N-(Oxydiethylene)-2-benzothiazolesulfenamide
- N-(Oxydiethylene)benzothiazole-2-sulfenamide
- N-(Oxydiethylene)benzothiazylsulfenamide
- N-Oxydiethyl-2-benzthiazolsulfenamid

- N-Oxydiethyl-2-benzthiazolsulfenamid [Czech]
- N-Oxydiethylene-2-benzothiazylsulfenamide
- NSC 70078
- Nobs special
- Santocure MOR
- Sulfenamide M
- Sulfenax MOR
- Sulfenax mob
- Sulfenax mob [Czech]
- USAF CY-7
- Vulcafor BSM
- Vulcafor SSM
- Vulkacit MOZ

What are some products that may contain morpholinyl mercaptobenzothiazole?

Rubber Products

*For additional information about products that might contain **morpholinyl mercaptobenzothiazole**, 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.