



the art and science of smart patch testing™

MC981: Niobium (V) chloride

Patient Information

Your patch test result indicates that you have a contact allergy to niobium (V) chloride. 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 niobium (V) chloride found?

In patch testing niobium (V) chloride is used to diagnose niobium contact allergy. Niobium is a metal which can be found in microalloyed steel, superalloys, magnets and electroceramics. In medicine, niobium can be found in medical devices such as pacemakers or joint replacements. Niobium is also used in jewelry.

How can you avoid contact with niobium (V) chloride?

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

- Niobium (V) chloride
- Niobium
- Nb

What are some products that may contain niobium (V) chloride?

Stainless steel

Superalloys

Magnets

Electroceramics

Pacemakers

Joint replacements

Jewelry

*For additional information about products that might contain **niobium (V) chloride**, 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.