



the art and science of smart patch testing™

## MC241: Cadmium chloride

### Patient Information

Your patch test result indicates that you have a contact allergy to cadmium 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 cadmium chloride found?

Cadmium chloride is a reagent used in chemistry. It is also used in electroplating of cadmium in electronic circuits and as a precursor to the pigment cadmium sulfide. In patch testing cadmium chloride is used to diagnose cadmium contact allergy. Cadmium and cadmium compounds may be found in motor oil and auto wax and as pigments in oil colors. In the past cadmium was used in jewelry as part of an alloy for soldering (permitted in the EU since 2011).

#### How can you avoid contact with cadmium chloride?

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

- Cadmium chloride
- Cadmium dichloride
- CdCl<sub>2</sub>
- Cadmium
- Cd
- Cadmium Sulfate
- Cadmium Monosulfate
- Sulfuric acid, Cadmium salt
- Cd(SO<sub>4</sub>)

#### What are some products that may contain cadmium chloride?

##### Electroplating

##### Pigments for plastics, oil paints, glass, ceramics

##### Motor oil

##### Auto wax

\*For additional information about products that might contain **cadmium 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.