

Patient Information

Ethylenediamine

Your TRUE TEST® indicates that you have a contact allergy to ethylenediamine (EDD).

Ethylenediamine (EDD) in contact with your skin may result in dermatitis. Brief or occasional contact may not pose a problem.

EDD is a colorless liquid that is used as a preservative, emulsifier and stabilizer in certain medical creams, cosmetics and a variety of other products.

Where is ethylenediamine found?

Some antihistamines used in the treatment of asthma, hay fever, motion sickness and hives may cross react with EDD. You may have a general skin reaction to these antihistamine drugs as well as to aminophylline drugs used for asthma, which may contain EDD as an impurity.

You may be exposed to EDD through industrial products such as solvents, textile resins, inhibitors, antifreezes, epoxy hardeners and coolant oils. Water-based industrial products may contain EDD as a fungicide. EDD is also a component of some dyes, insecticides and synthetic waxes.

How to avoid ethylenediamine

It is important to use only ingredient-labeled products that do not list EDD or any of its synonyms on the label.

Avoid handling amine-curing agents for epoxy sealant and glues. Avoid contact with water-soluble cutting and grinding solutions and water-based industrial products such as dyes, casein-based glues and shellacs.

If you suspect that you are being exposed to this allergen at work, consult your employer regarding Material Safety Data Sheets.

Inform your healthcare providers that you are allergic to EDD and ask that they provide you medication free of this allergen.

What to look for

Synonyms for ethylenediamine

- Chlorethamine
- 1,2-Diaminoethane
- 1,2-Ethanediamine

Related substances to which you may react

- Aminophylline
- Buclizine
- Chlorcyclizine
- Cyclizine
- Epoxy resin catalysts (ethylenediamine and chemically related amines such as diethylenediamine, dipropylenetriamine, triethylenetetramine, tetraethylenetetramine, trimethylhexamethylenediamine)
- Hydroxyzine hydrochloride
- Meclizine
- Piperazine-based antihistamines
- Promethazine hydrochloride (HCl)
- Tripelennamine

The lists may not be complete.

When purchasing products which may come in contact with your skin, check the list of ingredients for any of the names listed above. If in doubt contact your pharmacist or physician.

This information does not substitute the information given by your health care providers and can only be seen as a supplement.