

Propyl gallate

(P-021)

Your patch testing results indicate that you have a contact allergy to **Propyl gallate**. It is important that you familiarize yourself with this chemical and take steps to avoid coming in contact with it.

**What is Propyl gallate and where is it found?**

This chemical is used as a preservative and antioxidant in foods, fats, oils, flavorings, cosmetic and pharmaceutical creams, hair products, ethers, emulsions and waxes. It is sometimes used as a packaging material. It is also found in some adhesives and lubricants. Further research may identify additional product or industrial usages of this chemical.

**What else is Propyl gallate called?**

This chemical can be identified by different names, including:

<i>3,4,5-trihydroxybenzene-1-propylcarboxylate</i>	<i>Nipagallin p</i>
<i>3,4,5-Trihydroxybenzoic acid propyl ester</i>	<i>PG</i>
<i>Gallic acid propyl ester</i>	<i>Progallin P</i>
<i>n-Propyl Gallate</i>	<i>Propyl 3,4,5-trihydroxybenzoate</i>
<i>N-propyl 3,4,5-trihydroxybenzoate</i>	<i>Propyl gallate</i>
<i>Npropyl ester of 3,4,5-trihydroxybenzoic acid</i>	<i>Propylester kyseliny gallove</i>
<i>Nipa 49</i>	<i>Tenox PG</i>

This may not be a complete list as manufacturers introduce and delete chemicals from their product lines.

THINGS YOU CAN DO TO HELP MANAGE YOUR CONTACT ALLERGY

- Be vigilant ... read the product label.** Always take the time to read the ingredient listing on product packages. This should be your first step *each* time you purchase a product as manufacturers sometimes change product ingredients. If you have any concerns ask your pharmacist or your doctor.
- Test the product first.** If you have purchased a new product you should test it on a small skin area to see if you get a reaction before using the product on larger skin areas.
- Advise people you obtain services from of your contact allergy.** This should include people like your pharmacist, doctor, hairdresser, florist, veterinarian, etc.
- Inform your employer if the source of your contact allergy is work related.** You should identify the specific source of the chemical and take the necessary steps to avoid further exposure. Protective wear may be adequate or you may need to make a change in your work activities. Both you and your employer benefit when the cause of your occupational dermatitis is eliminated.
- “Google” it.** The internet is an excellent source of ingredient information that can be searched by product, by company and by specific chemical. Some helpful independent internet links include:
 - www.nlm.nih.gov/pubs/factsheets/factsheets.html** (U.S. Dept. of Health and Human Services; alphabetic list)
 - www.nlm.nih.gov/pubs/factsheets/factsbj.html** (U.S. Dept. of Health and Human Services; subject list)
 - www.cosmeticsinfo.org** (Cosmetic Industry Category Ingredient Database)
 - www.whatsinsidescjohnson.com** (information on all S.C. Johnson product ingredients)

If you have any future contact dermatitis concerns or questions, please call the doctor's office.