



Provincial Health Services Authority

**For the Patient:** Chlormethine topical  
Other names: LEDAGA®, mechlorethamine

- Chlormethine (klor meth een) is a drug that is used to treat skin lymphoma (mycosis fungoides). It is a topical gel that you apply to the skin.
- Tell your doctor if you have ever had an unusual or **allergic reaction** to mechlorethamine or chlormethine before using chlormethine.
- It is important to **apply** chlormethine exactly as directed by your doctor. You may be instructed to apply chlormethine all over your body or only to certain areas of your body. Make sure you understand the directions. Do not apply chlormethine more often or longer than directed by your doctor.
- For once daily application: If you **miss an application** of chlormethine, skip the application and go back to your usual dosing time. Do not try to make up for the missed application.
- Make sure your skin is **completely dry** before applying chlormethine. Wait at least 30 minutes after washing or showering to apply chlormethine.
- Do not **smoke** or be close to sources of open flame or fire (such as candles) until the chlormethine has completely dried as this product is flammable.
- Apply chlormethine in a **thin layer** to the affected areas of your skin.
  - **Wash your hands** thoroughly after applying chlormethine. Gloves are not usually needed, but disposable gloves may be worn for application if irritation develops between your fingers.
  - **Wait 5 to 10 minutes** after applying chlormethine to allow the treated areas to dry before covering with clothing.
  - **Do not cover treated areas** with air or water tight (occlusive) dressings. Ask your doctor or nurse for other dressing options if needed.
  - **Wait at least 2 hours** after applying chlormethine before using other creams or lotions on your skin.
  - **Wait at least 4 hours** after applying chlormethine before showering or bathing.
- **Avoid** getting chlormethine in your **eyes, mouth, or nose**. If chlormethine gets in these areas, rinse thoroughly with water for at least 15 minutes and then get medical help.
- **Do not apply** chlormethine to your **genital** area unless instructed to do so.

- Do not let **children** or **pets** touch or lick your skin where the drug is applied.
- **Caregivers** or anyone helping you apply chlormethine should wear disposable gloves when handling chlormethine and avoid getting chlormethine on their own skin. Hands should be washed thoroughly after removing gloves.
- It is not known if topical chlormethine may damage sperm or may harm the baby if used during **pregnancy**. Chlormethine may be absorbed through your skin. This risk of absorption is likely very small, but it is best to use **birth control** while being treated with chlormethine. Tell your doctor right away if you or your partner becomes pregnant. Do not breastfeed during treatment.
- Chlormethine is **stored** in the **fridge at all times** until needed. Make sure to return the tube of chlormethine to the fridge immediately after using (within 30 minutes). Do not use chlormethine after the expiry date given by your pharmacy.
- Keep chlormethine in the **original packaging** provided. Avoid contact with food. Keep out of the reach of children.
- For **disposal**, place empty tubes, plus gauze and gloves (if used) in a sealable container or bag. Ask your doctor, nurse, or pharmacist about safe disposal.
- **Tell** your doctor, dentist, or other healthcare professional that you are being treated with chlormethine before you receive any treatment from them.

Side effects are listed in the following table in the order in which they may occur. Tips to help manage the side effects are included.

SIDE EFFECTS	MANAGEMENT
Your skin may become <b>sore and reddened</b> , especially on your face, under your arms, under your breasts, in the groin, or between your fingers.	If your skin is very sore or blisters, stop using chlormethine and call your healthcare team during office hours. Otherwise make sure to mention it at your next visit.
Your skin may be <b>dry</b> or feel <b>itchy</b> .	Use moisturizers as frequently as necessary. <ul style="list-style-type: none"> <li>• Avoid using creams or lotions if you will be applying chlormethine soon (e.g., in the next 2 hours).</li> <li>• Wait at least 2 hours <b>after</b> applying chlormethine before using other creams or lotions on your skin.</li> </ul> If itching is very irritating, call your healthcare team. Otherwise, be sure to mention it at your next visit.



