

## **Pyrethrins and Piperonyl Butoxide**

**Class:** Topical Antiparasitic Agent, Pediculocide

**Indications:** Treatment of *Pediculus humanus* infestations (head lice, body lice, pubic lice, and their eggs)

**Available dosage form in the hospital:** Pyrethrins 0.65 gm and Piperonyl Butoxide 1.65 gm Shampoo

**Dosage:** Keep out of eyes when rinsing hair; protect eyes with a wash cloth or towel

**Treatment of *Pediculus humanus* infestations:** *Topical products:* Apply enough solution to completely wet infested area, including hair; Allow to remain on area for 10 minutes; Wash and rinse with large amounts of warm water; Use fine-toothed comb to remove lice and eggs from hair; Shampoo hair to restore body and luster

Treatment may be repeated if necessary once in a 24-hour period; Repeat treatment in 7-10 days to kill newly hatched lice

**Common side effect:** Pruritus, burning, stinging, irritation with repeat use

**Pregnancy Risk Factor:** C