

**86544-PRILOCAINE BASE****1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.****1.1. Identification of the substance or preparation.**

Name: Prilocaine base

Bulk code: 86544

**1.2. Synonyms.**

Propitocaine

**2. DESCRIPTION**

Appearance: Crystalline powder, somewhat lumpy, forms clusters of various sizes.

Colour: White.

Smell: Practically odourless.

**3. COMPOSITION/INFORMATION ON COMPONENTS.**Formula:  $C_{13}H_{20}N_2$ 

CAS: 721-50-6

Molecular weight: 220.3 g/mol

**4. PHYSICO-CHEMICAL DATA.**

See detailed specifications in analysis bulletin.

**Solubility:** Practically insoluble in water. Slightly soluble in ethanol and in chloroform.**Melting point:** 36 - 38 °C**5. PROPERTIES/USES.**

ACTIVE PHARMACEUTICAL INGREDIENT.

Prilocaine is an amide-type local anaesthetic with an intermediate duration of action. It works by stabilising the neuronal membrane, preventing the initiation and propagation of the nerve impulse.

It is used topically as an anaesthetic, in cases of cosmetic and plastic surgery, in cases of frequent venipunctures (haemodialysis patients), lumbar punctures, superficial skin surgery (skin extraction for grafts, warts, etc.) and for post-herpetic neuralgia, often in association with lidocaine, among others.

**86544-PRILOCAINE BASE****6. DOSAGE.**

Topical use: It is used in equal parts at 2.5% with lidocaine base to form the eutectic mixture, which when added to a base, is used as an anaesthetic.

**7. REMARKS.****STORAGE:**

Store at room temperature ( $25 \pm 2^\circ\text{C}$ ), in a cool, dry place, away from light, in a tightly closed container.

**8. BIBLIOGRAPHY.**

Technical information provided by the supplier.

Martindale "The complete drug reference", 32 ed. (1999).

The Merck Index, 13 ed. (2001).