

DATA SHEET

DP LOTION-HC 1%

Hydrocortisone 1% w/w, lanolin 0.6% w/v and mineral oil 15.9% w/v lotion.

Presentation

DP Lotion-HC 1%: Hydrocortisone 1% w/w, lanolin 0.6% w/v and mineral oil 15.9% w/v in a uniformly white, glossy, moderately viscous lotion.

Uses

Actions

Hydrocortisone is a corticosteroid that, when applied topically, often produces dramatic suppression of lesions having inflammation as a prominent feature. Such lesions include: eczema, various forms of dermatitis, psoriasis and intertrigo. Lanolin is a substance obtained from sheep's wool that, when mixed with mineral oil, gives an emollient lotion that facilitates the absorption of hydrocortisone.

Pharmacokinetics

When applied topically, hydrocortisone is absorbed through the skin allowing penetration to deeper layers. Absorption is aided by the presence of lanolin and mineral oil and also by use of occlusive dressings due to the hydration of the skin layers that results. Very little hydrocortisone reaches the systemic circulation unless the skin is broken or denuded.

Indications

DP LOTION-HC 1% is indicated as adjunctive therapy for the symptomatic relief of the inflammatory manifestations of corticosteroid responsive dermatoses.

Dosage and Administration

Apply a thin, even layer two to four times a day.

Contraindications

DP LOTION-HC 1% is contraindicated when viral, fungal, bacterial or parasitic infections are present at the lesion site. Use is also contraindicated where pruritus is due to psychogenic or

internal organ disease, or skin cancer is present. A history of lanolin sensitivity is also a contraindication to use of **DP LOTION-HC 1%**.

Warnings and Precautions

Although the absorption of hydrocortisone into the systemic circulation is small, the amount absorbed may be increased significantly if prolonged administration occurs or extensive areas are treated. This is particularly so in infants and young children. The use of occlusive dressings may also increase the amount of hydrocortisone reaching the systemic circulation.

Use in Pregnancy: The safe use of topical corticosteroids during pregnancy has not been established, therefore, the decision to use either Hydrocortisone preparation to treat a pregnant woman must be decided on the basis of benefit versus potential risk.

Adverse Effects

Adverse effects associated with topical application of **DP LOTION-HC 1%** are unlikely, significant abuse of the product being required. If effects occur, they are likely to be topical such as cutaneous atrophy, petechiae and steroid acne.

Systemic effects may occur when relatively large amounts of hydrocortisone are absorbed. Absorption is influenced by: amount used, duration of treatment and nature of the skin.

Interactions

Nil.

Overdosage

Overdosage may result in cutaneous atrophy, petechiae, steroid acne or systemic effects of glucocorticoid overdose. The preparation should be stopped immediately and the patient monitored for signs of withdrawal and treated appropriately.

Pharmaceutical Precautions

Store tightly closed at or below 25°C. Protect from light and moisture. Keep out of reach of children. Shelf-life three years.

Medicine Classification

Prescription Medicine.

Package Quantities

DP Lotion HC-1%: 100mL and 250mL.

Further Information

Hydrocortisone is 11 β ,17 α ,21-trihydroxy-pregn-4-ene-3,20-dione. It has a chemical formula and molecular weight of C₂₁H₃₀O₅ and 362.5 respectively.

Other ingredients are:

DP Lotion HC-1%: Cetyl alcohol 95%, Paraffin oil light, Polysorbate 60, Sorbitan monostearate, Liquid lanolin, Propyl paraben, Glycerine, Methyl paraben, Triethanolamine 99% and Water.

Name and Address

Douglas Pharmaceuticals Ltd
PO Box 45 027
Lincoln
AUCKLAND

Ph: (09) 835-0660

Fax: (09) 835-0665

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