

---

## PRODUCT INFORMATION

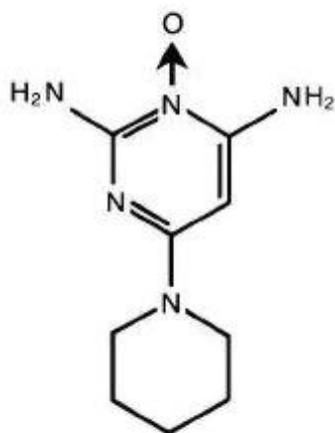
### REGAINE® (minoxidil) Topical Application (2%), Extra Strength (5%) Topical Application and Extra Strength (5%) Topical Foam

---

#### NAME OF THE MEDICINE

Minoxidil, a peripheral vasodilator, occurs as a white or off-white, odourless, crystalline solid which is readily soluble in propylene glycol or ethanol, soluble in water to the extent of 2 mg/mL and is almost insoluble in acetone, chloroform or ethyl acetate. The chemical name for minoxidil is 2, 4-diamino-6-piperidino-pyrimidine-3-oxide (MW = 209.25).

The chemical structure is:



CAS NO. 38304-91-5

#### DESCRIPTION

REGAINE® Topical Application and Extra Strength Topical Application contain minoxidil, at a concentration of 20 mg minoxidil per mL and 50 mg minoxidil per mL respectively, in a solution composed of alcohol, propylene glycol and water.

REGAINE® Extra Strength Foam contains minoxidil 5% w/w in a foam base consisting of alcohol, water, glycerol, cetyl alcohol, citric acid, lactic acid, stearyl alcohol, polysorbate 60, butyl hydroxytoluene and propellant

#### PHARMACOLOGY

##### Pharmacodynamics

When applied topically, REGAINE® has been shown to stimulate hair growth in males and females with alopecia androgenetica; however, the exact mechanism of action of REGAINE® in the treatment of alopecia androgenetica is not known. The regrowth can be observed after approximately 4 or more months of use and is

variable among patients. Upon discontinuation of treatment with REGAINE®, new hair growth stops and restoration of pretreatment appearance may occur within 3-4 months.

Topical application of REGAINE® showed no systemic effects related to absorption of minoxidil when tested in controlled clinical trials in both normotensive and untreated hypertensive patients.

Minoxidil administered orally for the treatment of hypertension has a direct peripheral vasodilator effect which reduces elevated systolic and diastolic blood pressure by decreasing peripheral vascular resistance. Reduction of peripheral arteriolar resistance and the associated fall in blood pressure induces sympathetic, vagal inhibitory, and renal homeostatic mechanisms, including an increase in renin secretion, which lead to increased heart rate and cardiac output, and salt and water retention. Minoxidil does not interfere with vasomotor reflexes and therefore does not produce orthostatic hypotension. In experimental animals, the drug does not enter the central nervous system (CNS) in significant amounts.

### **Pharmacokinetics**

Following topical application, minoxidil is poorly absorbed from normal intact skin. Of the total applied dose an average of 1.7% (range 0.3-4.5%) of the topical solution reaches the systemic circulation. The relative absorption of the topical foam is approximately 50% of a similar dose of topical solution. In contrast, minoxidil is almost completely absorbed from the gastrointestinal tract following oral administration of minoxidil tablets. Following cessation of topical dosing of REGAINE®, approximately 95% of systemically absorbed minoxidil is eliminated within 4 days. The effects of concomitant dermal diseases on absorption are unknown.

The metabolic biotransformation of minoxidil absorbed following topical application has not been fully determined. But the active form of the drug appears to be a sulfated metabolite, minoxidil sulfate. Orally administered minoxidil is metabolised predominantly by conjugation with glucuronic acid at the N-oxide position in the pyrimidine ring but also by conversion to more polar products. Minoxidil does not bind to plasma proteins and its renal clearance corresponds to the glomerular filtration rate. Minoxidil does not cross the blood brain barrier. Minoxidil and its metabolites are haemodialysable, and are excreted principally in the urine.

### **CLINICAL STUDIES**

In 2,326 adults with early male pattern baldness who applied 1 mL of 2% TMS (transdermal minoxidil solution) on the scalp twice daily for 12 months, cosmetically acceptable hair growth was observed in only a small % of individuals. Dense hair growth occurred in only 8% of individuals. Moderate hair growth was observed in a further 30% of subjects.

Two studies in healthy males aged 18-50 years with androgenetic alopecia showed statistically significant differences favouring 5% over 2% TMS with regard to non-vellus hair counts. Compared to mean baseline counts of 103-106/cm<sup>2</sup>, at the end of

32 weeks treatment mean increases in non-vellus hair counts were 39/cm<sup>2</sup> in subjects who received 5% TMS (N=163), 30/cm<sup>2</sup> in subjects who received 2% TMS (N=79), and 5/cm<sup>2</sup> in subjects who received placebo (N=79). In the other study, compared to mean baseline counts of 144-152 /cm<sup>2</sup>, at the end of 48 weeks treatment mean increases in non-vellus hair counts were 19/cm<sup>2</sup> in subjects who received 5% TMS (N=137), 13/cm<sup>2</sup> in subjects who received 2% TMS (N=139), and 4/cm<sup>2</sup> in subjects who received placebo (N=70).

Two studies in healthy females aged 18 to 50 years with androgenetic alopecia showed statistically significant differences favouring 5% over placebo, but not over 2% TMS with regard to non-vellus hair counts. Compared to mean baseline counts of 178-185 /cm<sup>2</sup>, at the end of 36 weeks treatment mean increases in non-vellus hair counts were 18/cm<sup>2</sup> in subjects who received 5% TMS (N=64), 15/cm<sup>2</sup> in subjects who received 2% TMS (N=74) and 3/cm<sup>2</sup> in subjects who received placebo (N=40). In the other study, compared to mean baseline counts of 138-150/cm<sup>2</sup>, at the end of 48 weeks treatment mean increases in non-vellus hair counts were 25/cm<sup>2</sup> in subjects who received 5% TMS (N=97), 21/cm<sup>2</sup> in subjects who received 2% TMS (N=106) and 9/cm<sup>2</sup> in subjects who received placebo (N=50).

Examination of efficacy data based on hair weight measurements demonstrated an overall clinical benefit of 5% TMS and 2% TMS in stimulating hair growth. Additionally, this study strongly demonstrated the stabilisation of hair loss over the 2 year treatment period.

The efficacy and safety of REGAINE® Extra Strength Foam was evaluated in a 16-week, double-blind, placebo-controlled study in males with androgenetic alopecia. Increase in mean non vellous hair count after 8, 12 and 16 weeks in the target area were significantly greater ( $p < 0.0001$ ) for the REGAINE® Extra Strength Foam treated subjects (n=180; intent-to-treat population) compared to the placebo foam treated subjects (n=172; intent-to-treat population). Analysis of subject ratings of treatment after 16 weeks of treatment were also statistically better ( $p < 0.0001$ ) for the REGAINE® Extra Strength Foam treated subjects compared to the placebo foam treated subjects. These results were confirmed by subsequent analysis based on the per protocol population.

Overall the study treatments were well tolerated and the incidence of adverse events with 5% minoxidil foam was similar to that with placebo foam.

Two studies were performed to assess the efficacy and safety of MTF (minoxidil topical foam) when applied once a day (OD) in female subjects with female pattern hair loss. In one study 5% MTF OD was compared to a foam vehicle containing no active product. Each was applied once daily, for 24 weeks. After 24 weeks of treatment, the 5% MTF OD group (n=200) re-grew 13.4 hairs/cm<sup>2</sup> and the foam vehicle group (n=197) re-grew 4.3 hairs/cm<sup>2</sup>, a treatment difference of 9.1 hairs/cm<sup>2</sup> ( $p < 0.0001$ ). After 24 weeks of treatment, subjects in the 5% MTF OD group observed improved scalp coverage from baseline. The adjusted mean scalp coverage scores were 0.75 versus 0.06 for the 5% MTF OD and the foam vehicle groups, respectively, a significant treatment difference of 0.69 ( $p < 0.0001$ ). In the other study, the efficacy of 5% MTF OD was compared to 2% TMS BID (twice daily). Compared to mean baseline counts of 169.7/cm<sup>2</sup>, after 24 weeks treatment mean

increases in non-vellus hair counts were 23.9/cm<sup>2</sup> in subjects who received 5% MTF OD (n=161). 5% MTF OD was concluded to be at least as effective as 2% MTS BID. Overall safety analyses have shown 5% MTF OD to be well tolerated in healthy subjects and in women with female pattern hair loss (FPHL). The safety profile of 5% MTF in females was generally similar to that observed in clinical trials of 5% MTF BID in males.

## **INDICATIONS**

REGAINE® Topical Application, Extra Strength Topical Application and Extra Strength Foam are indicated for the treatment of androgenetic alopecia (common baldness) in healthy adult males and females.

## **CONTRAINDICATIONS**

REGAINE® Topical Application, Extra Strength Topical Application and Extra Strength Foam are contraindicated in patients with a history of hypersensitivity to minoxidil, or ethanol. REGAINE® Topical Application and REGAINE® Extra Strength Topical Application are also contraindicated in patients with a history of hypersensitivity to propylene glycol.

REGAINE® is also contraindicated in pregnant or nursing women.

## **PRECAUTIONS**

**KEEP THIS AND ALL MEDICATIONS OUT OF THE REACH OF CHILDREN.**

Accidental ingestion of REGAINE® could lead to serious adverse effects.

Before starting a patient on REGAINE®, the physician or pharmacist should ascertain that the patient has a healthy, normal scalp. It should not be applied to inflamed, infected, irritated or painful scalp skin.

Although extensive use of topical minoxidil has not revealed evidence that enough minoxidil is absorbed to have systemic effects, greater absorption because of misuse, individual variability, unusual sensitivity or decreased integrity of the epidermal barrier caused by inflammation or disease processes in the skin (e.g. excoriations of the scalp, or scalp psoriasis) could lead, at least theoretically to a systemic effect and physicians and patients need to be aware of this.

REGAINE® is recommended for use only in healthy adults with normal cardiovascular status. The safety of REGAINE® is unknown in patients with cerebrovascular disease, or cardiovascular disease (including ischaemic heart disease, cardiac arrhythmias or congestive heart failure). Patients with a history of underlying heart disease should be aware that adverse effects in them might be especially serious (see also ADVERSE REACTIONS section).

The patient should stop using REGAINE® and see a physician if hypotension is detected or if experiencing chest pain, rapid heartbeat, faintness or dizziness, sudden unexplained weight gain, swollen hands or feet or persistent redness or

irritation of the scalp. If affected by dizziness or hypotension do not drive or operate machinery.

In the event of severe dermatological reactions patients should discontinue use of REGAINE® and contact their physician or pharmacist.

REGAINE® contains an alcohol base which will cause burning, and irritation of the eye on contact. In the event of accidental contact with sensitive surfaces (eye, abraded skin, mucous membranes), the area should be bathed with copious amounts of cool tap water.

The effects of REGAINE® in patients with concomitant skin diseases, or in those using topical corticosteroids or other dermatological preparations, are unknown. There is a possibility that an increase in bioavailability of topically administered minoxidil may occur in the presence of inflammatory conditions of the scalp and such situations are to be avoided. Topical minoxidil should not be used concurrently with any other medications on the scalp.

If a patient wishes to wear any form of protective headgear, they should be instructed to allow 1 hour to elapse after using REGAINE® before covering the head. Some patients have experienced changes in hair colour and/or texture with use of REGAINE®.

Topical minoxidil therapy should be stopped if hair regrowth is not evident after 6 months of treatment.

Topical minoxidil should not be used if hair loss is patchy and/or sudden or if the reason for the hair loss is unknown. Using more than the recommended dose or more often will not improve results. Continued use is necessary to increase and maintain hair re-growth, or hair loss will begin again. A temporary increase in hair shedding may occur within the first 2-6 weeks of treatment. Unwanted hair growth may be caused by the transfer of the product to areas other than the scalp.

Products labelled for women: Topical minoxidil should not be used if hair loss is due to childbirth.

### **Effects on fertility:**

In fertility studies in rats, minoxidil decreased live litter size at oral doses of 3-10 mg/kg/day and at 80 mg/kg/day SC.

### **Use in Pregnancy:**

CATEGORY C: Oral administration of minoxidil has been associated with hypertrichosis in the newborn infant following exposure in utero. The safety of topical minoxidil in pregnancy has not been established, therefore REGAINE® should not be used by pregnant women.

Subcutaneous administration of minoxidil to pregnant rats during organogenesis caused foetal deaths, decreased foetal weight, and increased incidences of external,

visceral and skeletal abnormalities. These effects were observed in two strains of rats at doses of 120 to 160 mg/kg/day, and were associated with mild to moderate maternal toxicity. No development effects were observed at non-maternotoxic dose levels. No teratogenic effects were observed in rabbits at oral doses up to 10 mg/kg/day or at subcutaneous doses up to 49 mg/kg/day. In a peri/postnatal study in rats, subcutaneous administration of minoxidil at 80 mg/kg/day caused an increase in gestation length, prolonged parturition, an increased incidence of stillbirths and reduced birth weight.

### **Use in Lactation:**

Systemically-absorbed minoxidil is secreted in human milk. REGAINE® should not be used by nursing women.

Subcutaneous administration of minoxidil at 80 mg/kg/day to lactating rats suppressed postnatal growth and increased postnatal mortality of the offspring. These effects may have been due to interference with nursing behaviour rather than to ingestion of drug-related material by the offspring.

### **Use in Children:**

Safety and efficacy of REGAINE® in patients under 18 years of age have not been established.

### **Use in Elderly:**

Safety and efficacy of REGAINE® in patients over 65 years of age have not been established.

### **Genotoxicity:**

Genetic toxicology studies showed that minoxidil does not cause gene mutation in bacterial cells, but gene mutation studies in mammalian cells have not been reported. Minoxidil had weak clastogenic activity in a cytogenetics assay in Chinese hamster lung cells *in vitro*, but there was no evidence of similar effects in cultured human lymphocytes, or in an *in vivo* assay (micronucleus test in mice). Minoxidil did not cause DNA damage in an alkaline elution assay in Chinese hamster fibroblasts or unscheduled DNA synthesis in rat hepatocytes.

### **Carcinogenicity:**

Carcinogenic activity of minoxidil has been investigated following dietary administration to mice at 10-64 mg/kg/day, and following topical administration to mice and rats at 8-80 mg/kg/day. Minoxidil treatment was associated with the development of benign pituitary tumours and malignant mammary tumours in female mice, hepatic adenomas and splenic haemangiosarcomas in male mice, and adrenal medullary and clitoral gland adenomas in female rats. The hepatic tumours were only observed at high dose levels. The development of mammary adenocarcinomas in mice may be related to stimulation of prolactin release.

Tumour development in the pituitary, preputial and clitoral glands may also involve endocrine mechanisms, while the vascular wall tumours in mouse spleen and adrenal medullary tumours in rats may be related to the vasodilator activity of the drug.

In a 12-month photocarcinogenicity study in hairless mice, topical minoxidil did not accelerate the development of dermal tumours initiated by ultraviolet light.

## **INTERACTIONS WITH OTHER MEDICINES**

There are currently no known drug interactions associated with the use of REGAINE®. Although it has not been clinically demonstrated, there exists the theoretical possibility of absorbed minoxidil potentiating orthostatic hypotension in patients currently taking peripheral vasodilators. *In vitro* studies have shown that paracetamol and diethylcarbamazine may inhibit the stimulation of hair growth by minoxidil.

The use of REGAINE® concurrently with cutaneously used drugs which alter the stratum corneum barrier, e.g. tretinoin and anthralin/dithranol is not recommended due to the possibility of increased absorption of cutaneously used minoxidil and consequently, increased potential for adverse drug reactions.

## **ADVERSE EVENTS**

The most frequently encountered adverse effect in clinical trials with REGAINE® was mild dermatitis of the scalp. The dermatological events were of a similar type and severity in the 2% and 5% groups, but the incidence was greater in the 5% group.

Most frequently reported adverse reactions with 2% and 5% topical minoxidil in commercial marketing experience are dermatological reactions and include: local erythema, itching and dry skin/scalp flaking. Increased hair shedding can occur due to minoxidil's action of shifting hairs in the resting telogen phase to the growing anagen phase (old hairs fall out as new hairs grow in their place). This temporary increase in shedding generally occurs two to six weeks after beginning treatment and subsides within a couple of weeks (first sign of action of minoxidil).

Other adverse reactions that have been reported very rarely (<0.01%) include irritant dermatitis (redness/erythema, scaling/rash scaly and burning), non-specific allergic reactions, hives, hypersensitivity, allergic contact dermatitis, allergic rhinitis, facial swelling, folliculitis, alopecia, hypertrichosis, hair abnormalities, seborrhoea, shortness of breath, headache, neuritis, dizziness/lightheadedness, syncope, vertigo, oedema, chest pain, blood pressure changes (decreased and increased blood pressure, hypotension, hypertension), palpitations and pulse rate changes, rapid heart beat/tachycardia.

Rare cases of hypertrichosis (unwanted non-scalp hair including facial hair growth in women) have been reported.

## Clinical Trial Data

The safety of topical minoxidil from clinical trial data is based on data from 7 placebo-controlled randomized clinical trials in adults evaluating either 2% or 5% minoxidil solution, and two placebo-controlled randomized clinical trials in adults evaluating a 5% foam formulation

Table 1 includes adverse drug reactions from the 7 solution studies and Table 2 includes adverse events from the 2 foam studies where greater than one event was reported and the event occurred in 1% of patients or more and at a greater incidence than placebo.

Adverse drug reactions identified in clinical trials with topical minoxidil are included in Tables 1 and 2; the frequencies are provided according to the following convention:

Very common	≥1/10
Common	≥1/100 and < 1/10
Uncommon	≥1/1,000 and <1/100
Rare	≥1/10,000 and <1/1,000
Very rare	<1/10,000
Not known	(cannot be estimated from the available data)

Table 1: ADRs Reported by ≥1% of Topical Minoxidil-Treated Adult Subjects in Randomized Placebo-Controlled Clinical Trials with the 2% or 5% Solution Formulation

<b>System Organ Class Preferred Term</b>	<b>Topical Minoxidil (N=1197) % (frequency)</b>	<b>Placebo (N=365) % (frequency)</b>
<b>General disorders and administration site conditions</b> <i>Oedema peripheral</i>	3.3 (common)	1.6
<b>Nervous System Disorders</b> <i>Headache</i>	15.0 (Very Common)	12.6
<b>Respiratory, thoracic and mediastinal disorders</b> <i>Dyspnoea</i>	1.2 (Common)	1.1
<b>Skin and subcutaneous tissue disorders</b> <i>Dermatitis</i>	1.5 (Common)	1.1
<i>Dermatitis acneiform</i>	1.6 (Common)	1.4
<i>Hypertrichosis</i>	1.8 (Common)	0.3
<i>Pruritus</i>	3.6 (Common)	1.9
<i>Rash</i>	1.7 (Common)	0.8

Table 2: ADRs Reported by ≥1% of Topical Minoxidil-Treated Adult Subjects in Randomized Placebo-Controlled Clinical Trials with the 5% Foam Formulation

<b>System Organ Class Preferred Term</b>	<b>Topical Minoxidil (N=383) % (frequency)</b>	<b>Placebo (N=373) % (frequency)</b>
<b>Investigations</b> <i>Weight increased</i>	4.4 (common)	3.8
<b>Nervous System Disorders</b> <i>Headache</i>	5.0 (Common)	3.8
<b>Skin and subcutaneous tissue disorders</b> <i>Pruritus</i> <i>Rash</i>	1.8 (Common) 1.8 (Common)	1.3 0.5

### Post-marketing data

Additional adverse drug reactions (ADRs) identified during post-marketing experience with minoxidil are included in Table 3. In this table, the frequencies are provided according to the following convention:

Very common	≥1/10
Common	≥1/100 and < 1/10
Uncommon	≥1/1,000 and <1/100
Rare	≥1/10,000 and <1/1,000
Very rare	<1/10,000
Not known	(cannot be estimated from the available data)

Table 3: Adverse Drug Reactions Identified During Post-Marketing Experience with Minoxidil by Frequency Category Estimated from Spontaneous Reporting Rates

<b>SOC</b>	<b>Adverse Event Preferred Term</b>
<b>Immune System Disorders</b>	
Very rare	<i>Angioedema (the manifestations of angioedema may include the following: Lip oedema, Oedema mouth, Oropharyngeal swelling, Pharyngeal oedema, and Tongue oedema)</i>
Very rare	<i>Hypersensitivity (the manifestations of hypersensitivity reactions may include the following: Face oedema, Generalised erythema, Pruritus generalised, and Throat tightness)</i>
Very rare	<i>Dermatitis contact</i>

<b>Psychiatric Disorders</b>	
Very rare	<i>Depressed mood</i>
<b>Nervous System Disorders</b>	
Very rare	<i>Dizziness</i>
<b>Eye Disorders</b>	
Very rare	<i>Eye irritation</i>
<b>Cardiac Disorders</b>	
Very rare	<i>Tachycardia</i>
Very rare	<i>Palpitations</i>
<b>Vascular Disorders</b>	
Very rare	<i>Hypotension</i>
<b>Gastrointestinal Disorders</b>	
Very rare	<i>Nausea</i>
Very rare	<i>Vomiting</i>
<b>Skin and Subcutaneous Tissue Disorders</b>	
Very rare	<i>Application site reaction (these sometimes involve nearby structures like the ears and face and typically consist of pruritus, irritation, pain, rash, oedema, dry skin, and erythema but can sometimes be more severe and include exfoliation, dermatitis, blistering, bleeding, and ulceration)</i>
Very rare	<i>Alopecia</i>
Very rare	<i>Hair colour changes</i>
Very rare	<i>Hair texture abnormal</i>
<b>General Disorders and Administration Site Conditions</b>	
Very rare	<i>Chest pain</i>

## DOSAGE AND ADMINISTRATION

FOR EXTERNAL USE ONLY.

Use REGAINE® Topical Application, Extra Strength Topical Application and Extra Strength Foam only as directed. Do not apply REGAINE® to any area of the body other than the scalp. Make sure the scalp and hair are thoroughly dry and that the skin is healthy and intact.

Do not use a hairdryer to speed the drying of REGAINE®, because blowing air on the scalp may decrease the effectiveness of REGAINE®. REGAINE® must remain in contact with the scalp for several hours (up to 4 hours).

At least four months of twice daily applications of REGAINE® (Once a day application for Women's REGAINE®) are generally required before evidence of hair regrowth can be expected. Onset and degree may be variable among patients.

**Note: Following discontinuation of medication, relapse to pretreatment appearance has been reported to occur within 3-4 months.**

**Dose: of Topical Application (solution)** 1mL REGAINE® should be applied twice per day to the scalp, beginning at the centre of the affected area. This dose should be used regardless of the size of the affected area. The total daily dose should not exceed 2 mL. After applying REGAINE®, wash hands thoroughly.

**Directions For Use of Solution:**

Dropper

This applicator is designed to deliver a measured amount (1 mL or 1 dose) of solution.

1. Remove the large outer cap off the bottle; unscrew the child-resistant cap.
2. Hold the bottle upright. Whilst ensuring that the dropper is immersed in the solution, squeeze the bulb to fill the dropper to the black line. The applicator now contains one full dose (1 mL) of REGAINE® and is ready for use.
3. Aim the dropper to the area of the scalp you wish to treat, lifting any hair out of the way with your fingers or comb. Gently squeeze the dropper bulb and apply the solution dropwise.
4. Massage the solution into the scalp gently with your fingers. Wash your hands after you have finished massaging the solution into your scalp.
5. Replace the child-resistant dropper by screwing the dropper firmly onto the bottle. Place the larger outer cap on the bottle when not in use.

**Dose: Topical Foam**

Men's REGAINE® Extra Strength Topical Foam:

REGAINE® foam should be applied sparingly twice per day to the scalp, beginning at the centre of the affected area. Up to half a capful may be used, but men with a small area of hair loss may need less. After applying REGAINE®, wash hands thoroughly.

Women's REGAINE®:

REGAINE® foam should be applied sparingly once a day to the scalp, beginning at the centre of the affected area. After applying REGAINE®, wash hands thoroughly.

**Directions For Use of Foam:**

1. To open container: Match arrow on can ring with line on cap. Pull off cap.
2. Within the hair thinning area, part the hair into one or more rows to maximize scalp exposure.
3. The foam may begin to melt right away on contact with your warm skin. If your fingers are warm, rinse them in cold water first. (Be sure to dry them thoroughly before handling the foam.)
4. Hold the can upside down and press nozzle to dispense the topical foam product into the palm of your hand. The total amount of foam applied should not exceed half a capful.
5. Using your fingers, spread the foam over the hair loss area and gently massage into scalp and then wash your hands well.

6. After each use, close the container to make child resistant by snapping the cap back on to the can.

## **OVERDOSAGE**

Due to the high concentration of minoxidil in REGAINE®, accidental ingestion may produce systemic effects related to the vasodilatory action of minoxidil. Signs and symptoms of drug overdosage would most likely be cardiovascular effects associated with fluid retention, tachycardia or lowered blood pressure. Fluid retention can be managed with appropriate diuretic therapy. Tachycardia can be controlled by administration of a beta-adrenergic blocking agent. Symptomatic hypotension should be treated by intravenous administration of normal saline. Sympathomimetic drugs, such as noradrenaline and adrenaline should be avoided because of their excessive cardiac stimulating activity.

## **PRESENTATION**

Men's REGAINE® Extra Strength Topical Application, containing 50 mg minoxidil per mL, is available in a 60mL volume (Aust R 79914).

Women's REGAINE® Regular Strength Topical Application, containing 20 mg minoxidil per mL, is available in a 60mL volume (Aust R 81852).

Men's REGAINE® Extra Strength Topical Foam, containing 50 mg minoxidil per gram, is available in a 60g aerosol can (Aust R 159465).

Women's REGAINE®, containing 50 mg minoxidil per gram, is available in a 60g aerosol can (Aust R 240952).

## **STORAGE**

REGAINE® Solution: Store below 30°C

REGAINE® Foam: Store below 25°C

## **SPONSOR**

Johnson & Johnson Pacific  
Australia-New Zealand  
45 Jones Street  
Ultimo NSW 2007

## **POISON SCHEDULE OF THE MEDICINE**

Schedule 2

## **DATE OF FIRST INCLUSION IN THE AUSTRALIAN REGISTER OF THERAPEUTIC GOODS (ARTG)**

15th August 2001

## **DATE OF MOST RECENT AMENDMENT**

October 2017