

KETODAN- ketoconazole aerosol, foam

Medimetriks Pharmaceuticals, Inc.

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use KETODAN[®] FOAM safely and effectively. See full prescribing information for KETODAN[®] FOAM.

KETODAN[®] (KETOCONAZOLE) Foam, 2%

For topical use

Initial U.S. Approval: 1981

INDICATIONS AND USAGE

Ketodan[®] Foam, 2% is indicated for topical treatment of seborrheic dermatitis in immunocompetent patients 12 years of age and older (1).

Limitations of Use

Safety and efficacy of Ketodan[®] Foam, 2% for treatment of fungal infections have not been established.

DOSAGE AND ADMINISTRATION

- Ketodan[®] Foam, 2% should be applied to the affected area(s) twice daily for four weeks (2).
- Ketodan[®] Foam, 2% is not for ophthalmic, oral, or intravaginal use (2).

DOSAGE FORMS AND STRENGTHS

Foam: 2% ketoconazole in 100 g containers (3).

CONTRAINDICATIONS

None. (4)

WARNINGS AND PRECAUTIONS

- Ketodan[®] Foam, 2% may result in contact sensitization, including photoallergenicity (5.1, 6.2).
- The contents of Ketodan[®] Foam, 2% are flammable. Avoid fire, flame, or smoking during and immediately following application. (5.2).

ADVERSE REACTIONS

The most common adverse reactions observed in clinical studies (incidence >1%) were application site burning and application site reaction (6.1).

To report SUSPECTED ADVERSE REACTIONS, contact Medimetriks at 1-973-882-7512 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 9/2021

FULL PRESCRIBING INFORMATION: CONTENTS*

1. INDICATIONS AND USAGE

2. DOSAGE AND ADMINISTRATION

3. DOSAGE FORMS AND STRENGTHS

4. CONTRAINDICATIONS

5. WARNINGS AND PRECAUTIONS

5.1 Contact Sensitization

5.2 Flammable Contents

5.3 Systemic Effects

6. ADVERSE REACTIONS

6.1 Clinical Trials Experience

6.2 Dermal Safety Studies

6.3 Postmarketing Experience

8. USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

8.2 Lactation

8.3 Females and Males of Reproductive Potential

8.4 Pediatric Use

8.5 Geriatric Use

11. DESCRIPTION

12. CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

12.2 Pharmacodynamics

12.3 Pharmacokinetics

12.4 Microbiology

13. NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

14. CLINICAL STUDIES

16. HOW SUPPLIED/STORAGE AND HANDLING

17. PATIENT COUNSELING INFORMATION

* Sections or subsections omitted from the full prescribing information are not listed.

FULL PRESCRIBING INFORMATION

1. INDICATIONS AND USAGE

Ketodan[®] Foam, 2% is indicated for the topical treatment of seborrheic dermatitis in immunocompetent patients 12 years of age and older.

Limitations of Use

Safety and efficacy of Ketodan[®] Foam, 2% for treatment of fungal infections have not been established.

2. DOSAGE AND ADMINISTRATION

Ketodan[®] Foam, 2% should be applied to the affected area(s) twice daily for four weeks.

Hold the container upright, and dispense Ketodan[®] Foam, 2% into the cap of the can or other cool surface in an amount sufficient to cover the affected area(s). Dispensing directly onto hands is not recommended, as the foam will begin to melt immediately upon contact with warm skin. Pick up small amounts of Ketodan[®] Foam, 2% with the fingertips, and gently massage into the affected area(s) until the foam disappears. For hair-bearing areas, part the hair, so that Ketodan[®] Foam, 2% may be applied directly to the skin (rather than on the hair).

Avoid contact with the eyes and other mucous membranes. Ketodan[®] Foam, 2% is not for ophthalmic, oral or intravaginal use.

3. DOSAGE FORMS AND STRENGTHS

Ketodan[®] Foam, 2% contains 20 mg of ketoconazole, USP per gram, supplied in 100 g containers.

4. CONTRAINDICATIONS

None.

5. WARNINGS AND PRECAUTIONS

5.1 Contact Sensitization

Ketodan[®] Foam, 2% may result in contact sensitization, including photoallergenicity [see *Adverse Reactions (6.2)*].

5.2 Flammable Contents

The contents of Ketodan[®] Foam, 2% include alcohol and propane/butane, which are flammable. Avoid fire, flame and/or smoking during and immediately following application. Do not puncture and/or incinerate the containers. Do not expose containers to heat and/or store at temperatures above 120°F (49°C).

5.3 Systemic Effects

Hepatitis has been seen with orally administered ketoconazole (1:10,000 reported incidence). Lowered testosterone and ACTH-induced corticosteroid serum levels have been seen with high doses of orally administered ketoconazole. These effects have not been seen with topical ketoconazole.

6. ADVERSE REACTIONS

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug, and may not reflect the rates observed in practice. The adverse reaction information from clinical trials does, however, provide a basis for identifying the adverse reactions that appear to be related to drug use and for approximating rates.

The safety data presented in Table 1 reflect exposure to ketoconazole foam, 2% in 672 subjects, 12 years and older with seborrheic dermatitis. Subjects applied ketoconazole foam, 2% or vehicle foam twice daily for 4 weeks to affected areas on the face, scalp, and/or chest. Adverse reactions occurring in > 1% of subjects are presented in Table 1.

**Table 1: Adverse Reactions Reported by > 1%
Subjects in Clinical Trials**

Adverse Reactions	Ketoconazole Foam, 2% N = 672	Vehicle Foam N = 497
--------------------------	--	---------------------------------

REACTIONS	n (%)	n (%)
Subjects with an Adverse Reaction	188 (28%)	122 (25%)
Application site burning	67 (10%)	49 (10%)
Application site reaction	41 (6%)	24 (5%)

Application site reactions that were reported in <1% of subjects were dryness, erythema, irritation, paresthesia, pruritus, rash and warmth.

6.2 Dermal Safety Studies

In a photoallergenicity study, 9 of 53 subjects (17%) had reactions during the challenge period at both the irradiated and non-irradiated sites treated with ketoconazole foam, 2%. Ketodan[®] Foam, 2% may cause contact sensitization.

6.3 Postmarketing Experience

The following adverse events have been identified during postmarketing use of ketoconazole foam, 2%:

Gastrointestinal disorders: Cheilitis

General disorders and administration site conditions: Application site pain and application site burn
Skin and subcutaneous tissue disorders: Skin burning sensation and erythema

Because these events are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

8. USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

There are no available data on ketoconazole foam, 2% use in pregnant women to identify a drug-associated risk of major birth defects, miscarriage or adverse maternal or fetal outcomes. No reproductive studies in animals have been performed with ketoconazole foam, 2%. In animal reproduction studies with pregnant mice, rats and rabbits both embryotoxic and developmental effects (structural abnormalities) were observed following oral dosing of ketoconazole during organogenesis. Assuming equivalent systemic absorption of topical and oral ketoconazole doses and a ketoconazole foam, 2% maximum recommended human dose (MRHD) of 8 grams (equivalent to 160 mg ketoconazole), embryotoxic effects were observed at 0.8 to 2.4 times the MRHD and developmental effects were observed at 4.8 times the MRHD [see *Data*].

The background risk of major birth defects and miscarriage for the indicated population is unknown. All pregnancies have a background risk of birth defect, loss, or other

adverse outcomes. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2 to 4% and 15 to 20%, respectively.

Data

Animal Data

The animal multiples of human exposure calculations are based on body surface area (BSA) comparisons of oral doses administered to animals and a ketoconazole foam, 2% maximum recommended human dose (MRHD) of 8 grams (equivalent to 2.67 mg ketoconazole/kg/day for a 60 kg individual or 98.8 mg ketoconazole/m²/day).

Embryofetal development studies have been conducted in mice, rats and rabbits with orally administered ketoconazole. When orally administered to mice on gestational days 6 through 18 (covering the period of organogenesis), ketoconazole was embryotoxic (25 mg/kg and higher; 0.8 times the MRHD based on BSA comparisons) with a high incidence of resorptions, increased number of stillbirths and delayed parturition. Delays in maturation were also observed. There was no evidence of maternal toxicity or malformations at up to 50 mg/kg (1.5 times the MRHD based on BSA comparisons). No treatment related developmental effects were observed at 10 mg/kg (0.3 times the MRHD based on BSA comparisons).

In the presence of maternal toxicity in rats, orally administered ketoconazole was both embryotoxic (40 mg/kg and higher; 2.4 times the MRHD based on BSA comparisons), including increased resorbed fetuses and stillbirths, and teratogenic (80 mg/kg and higher; 4.8 times the MRHD based on BSA comparisons), including syndactyly, oligodactyly, waved ribs and cleft palate. Additionally, 100 mg/kg (6 times the MRHD based on BSA comparisons) ketoconazole orally administered on a single day during gestation (gestational days 9 through 12) was embryotoxic (increased resorptions). This same oral dose given on gestation day 12, 13, 14 or 15 induced external malformations including cleft palate, micromelia and digital anomalies (brachydactyly, ectrodactyly, syndactyly).

In pregnant rabbits orally administered ketoconazole, evidence of embryotoxicity (increased resorptions) was observed at 10 mg/kg (1.2 times the MRHD based on BSA comparisons) and higher and an increased incidence of skeletal abnormalities was observed at 40 mg/kg (4.8 times the MRHD based on BSA comparisons).

8.2 Lactation

Risk Summary

There is no information available on the presence of ketoconazole in human milk, or the effects on the breastfed child, or the effects on milk production after topical application of ketoconazole foam, 2% to women who are breastfeeding. In animal studies ketoconazole was found in milk following oral administration. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for Ketodan[®] Foam, 2% and any potential adverse effects on the breastfed infant from Ketodan[®] Foam, 2% or from the underlying maternal condition.

8.3 Females and Males of Reproductive Potential

Infertility

In animal fertility studies in rats and dogs, administration of oral doses of ketoconazole between 3-day and 3-month periods resulted in infertility that was reversible [see *Nonclinical Toxicology (13.1)*].

8.4 Pediatric Use

The safety and effectiveness of ketoconazole foam, 2% in pediatric patients less than 12 years of age have not been established.

Of the 672 subjects treated with ketoconazole foam, 2% in the clinical trials, 44 (7%) were from 12 to 17 years of age. [See *Clinical Studies (14)*].

8.5 Geriatric Use

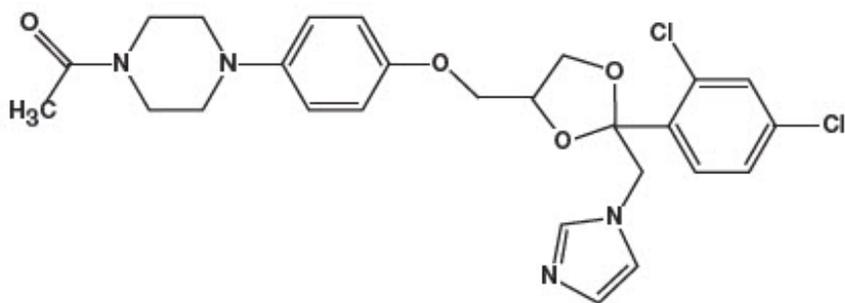
Of the 672 subjects treated with ketoconazole foam, 2% in the clinical trials, 107 (16%) were 65 years and over.

Clinical trials of ketoconazole foam, 2% did not include sufficient numbers of subjects aged 65 and over to determine whether they respond differently than younger subjects.

11. DESCRIPTION

Ketodan[®] Foam, 2% contains 2% ketoconazole USP, an antifungal agent, in a thermolabile hydroethanolic foam for topical application.

The chemical name for ketoconazole is piperazine, 1-acetyl-4-[4-[[2-(2,4-dichlorophenyl)-2-(1*H*-imidazol-1-yl)methyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-, *cis*- with the molecular formula C₂₆H₂₈Cl₂N₄O₄ and a molecular weight of 531.43. The following is the chemical structure:



Ketodan[®] Foam, 2% contains 20 mg ketoconazole per gram in a thermolabile hydroethanolic foam vehicle consisting of cetyl alcohol, citric acid, ethanol 58%, polysorbate 60, potassium citrate, propylene glycol, purified water, and stearyl alcohol pressurized with a hydrocarbon (propane/butane) propellant.

12. CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

The mechanism of action of ketoconazole in the treatment of seborrheic dermatitis is not known.

12.2 Pharmacodynamics

The pharmacodynamics of Ketodan[®] Foam, 2% has not been established.

12.3 Pharmacokinetics

In a bioavailability study, 12 subjects with moderate to severe seborrheic dermatitis applied 3 g of ketoconazole foam, 2% twice daily for 4 weeks. Circulating plasma levels of ketoconazole were < 6 ng/mL for a majority of subjects (75%), with a maximum level of 11 ng/mL observed in one subject.

12.4 Microbiology

Ketoconazole is an antifungal agent which inhibits the *in vitro* synthesis of ergosterol, a key sterol in the cell membrane of *Malassezia furfur*. The clinical significance of antifungal activity in the treatment of seborrheic dermatitis is not known.

13. NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Long-term animal studies have not been performed to evaluate the carcinogenic or photo-carcinogenic potential of ketoconazole foam, 2%.

In oral carcinogenicity studies in mice (18-months) and rats (24-months) at dose levels of 5, 20 and 80 mg/kg/day ketoconazole was not carcinogenic. The high dose in these studies was approximately 2.4 to 4.8 times the MRHD based on BSA comparisons. In a bacterial reverse mutation assay, ketoconazole did not express any mutagenic potential. In three *in vivo* assays (sister chromatid exchange in humans, dominant lethal and micronucleus tests in mice), ketoconazole did not exhibit any genotoxic potential.

In animal fertility studies, oral ketoconazole impaired both male and female fertility in rats in a dose and duration dependent manner. In females, oral doses up to 40 mg/kg (2.4 times the MRHD based on BSA comparisons) had no effect on fertility, while doses of 75 mg/kg (4.5 times the MRHD based on BSA comparisons) and higher decreased the pregnancy rate and number of implantation sites. In male rats, oral dosing at 200 mg/kg/day (12 times the MRHD based on BSA comparisons) for three days decreased fertility and 400 mg/kg/day (24 times the MRHD based on BSA comparisons) for three days resulted in a complete loss of fertility. When administered for longer durations (up to 3 months), decreased fertility in male rats was observed at doses as low as 24 mg/kg/day (1.4 times the MRHD based on BSA comparisons). In male beagle dogs, an oral dose of 25 mg/kg/day ketoconazole for up to 4 weeks (5.2 times the MRHD based on BSA comparisons) resulted in decreased sperm motility, decreased sperm count, increased abnormal sperm and atrophy of the testes. These effects were reversed subsequent to withdrawal of treatment.

14. CLINICAL STUDIES

The safety and efficacy of ketoconazole foam, 2% were evaluated in a randomized, double-blind, vehicle-controlled trial in subjects 12 years and older with mild to severe seborrheic dermatitis. In the trial, 427 subjects received ketoconazole foam, 2% and 420

subjects received vehicle foam. Subjects applied ketoconazole foam, 2% or vehicle foam twice daily for 4 weeks to affected areas on the face, scalp, and/or chest. The overall disease severity in terms of erythema, scaling, and induration was assessed at Baseline and week 4 on a 5-point Investigator's Static Global Assessment (ISGA) scale.

Treatment success was defined as achieving a Week 4 (end of treatment) ISGA score of 0 (clear) or 1 (majority of lesions have individual scores for scaling, erythema, and induration that averages 1 [minimal or faint]) and at least two grades of improvement from baseline. The results are presented in Table 2. The database was not large enough to assess whether there were differences in effects in age, gender, or race subgroups.

Table 2: Efficacy Results

Number of Subjects	Ketoconazole Foam, 2% N = 427 n (%)	Vehicle Foam N = 420 n (%)
Subjects Achieving Treatment Success	239 (56%)	176 (42%)

16. HOW SUPPLIED/STORAGE AND HANDLING

Ketodan[®] Foam, 2% contains 20 mg of ketoconazole, USP per gram. The thermolabile hydroethanolic foam is available as follows:

NDC 43538-530-10
100 g aluminum can

Store at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature.]
Do not store under refrigerated conditions.

Contents are flammable. Do not expose containers to heat and/or store at temperatures above 49°C (120°F). Do not store in direct sunlight.

Contents under pressure. Do not puncture and/or incinerate container.

Keep out of reach of children.

17. PATIENT COUNSELING INFORMATION

See FDA-approved patient labeling (Patient Package Insert).

Instruct patients on a proper use of Ketodan[®] Foam, 2%

- **Avoid fire, flame and/or smoking during and immediately following application.**
- Do not apply Ketodan[®] Foam, 2% directly to hands. Dispense onto a cool surface, and apply to the affected areas using the fingertips.
- Wash their hands after application
- Ketodan[®] Foam, 2% may cause skin irritation (application site burning and/or reactions)
- Instruct a patient to contact a health care provider if the area of application shows

signs of increased irritation and report any signs of adverse reactions.

Manufactured for: Medimetriks Pharmaceuticals, Inc.
383 Route 46 West, Fairfield, NJ 07004-2402 www.medimetriks.com

Manufactured by: Padagis, Yeruham, Israel

Made in Israel

Rev. Date: 09/21

IP031-R5

5K200 EK J7

PATIENT INFORMATION

Ketodan[®] Foam, 2%

Important Information: Ketodan[®] Foam, 2% is for use on the skin only. Do not use Ketodan[®] Foam, 2% in your eyes, mouth or vagina.

What is Ketodan[®] Foam, 2%?

Ketodan[®] Foam, 2% is a prescription medicine used on the skin (topical) to treat seborrheic dermatitis in people 12 years of age and older with a normal immune system. It is not known if Ketodan[®] Foam, 2% is safe and effective when used to treat fungal infections.

It is not known if Ketodan[®] Foam, 2% is safe and effective in children less than 12 years of age.

Before using Ketodan[®] Foam, 2%, tell your healthcare provider about all of your medical conditions, including if you:

- are pregnant or plan to become pregnant. It is not known if Ketodan[®] Foam, 2% will harm your unborn baby.
- are breastfeeding or plan to breastfeed. It is not known if Ketodan[®] Foam, 2% passes into your breast milk. Talk to your healthcare provider about the best way to feed your baby during treatment with Ketodan[®] Foam, 2%.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.

How should I use Ketodan[®] Foam, 2%?

- Use Ketodan[®] Foam, 2% exactly as your healthcare provider tells you to use it. See the detailed "Instructions for Use" at the end of this leaflet for directions about how to apply Ketodan[®] Foam, 2% the right way.
- Apply Ketodan[®] Foam, 2% to the affected skin area(s) 2 times each day for 4 weeks. You should apply enough Ketodan[®] Foam, 2% to cover the entire affected area(s).
- Talk to your healthcare provider if your skin does not improve after 4 weeks of treatment with Ketodan[®] Foam, 2%.
- Dispense Ketodan[®] Foam, 2% directly into the cap. **Do not** dispense Ketodan[®] Foam, 2% directly onto your hands, because the foam will begin to melt on contact with warm skin.
- Wash your hands after applying Ketodan[®] Foam, 2%.

What should I avoid while using Ketodan[®] Foam, 2%?

- **Ketodan[®] Foam, 2% is flammable.** Avoid fire, flames, or smoking during and

right after you apply Ketodan[®] Foam, 2% to your skin.

- Avoid getting Ketodan[®] Foam, 2% in or near your eyes, mouth, lips or vagina. If you get Ketodan[®] Foam, 2% on your lips or in your eyes, mouth or vagina, rinse well with water.

What are the possible side effects of Ketodan[®] Foam, 2%?

Ketodan[®] Foam, 2% may cause serious side effects, including:

- **Skin irritation at the application area(s), including skin reactions caused by exposure to light.** Tell your healthcare provider if you develop skin irritation during treatment with Ketodan[®] Foam, 2%.

The most common side effects of Ketodan[®] Foam, 2% include, burning, dryness, redness, irritation, numbness, itching, rash and warmth at the application site. These are not all of the possible side effects of Ketodan[®] Foam, 2%.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store Ketodan[®] Foam, 2%?

- Store Ketodan[®] Foam, 2% at room temperature between 68°F to 77°F (20°C to 25°C).
- Do not store the Ketodan[®] Foam, 2% can in the refrigerator or freezer.
- Keep Ketodan[®] Foam, 2% away from heat. Never throw the Ketodan[®] Foam, 2% can into a fire, even if the can is empty.
- Do not store Ketodan[®] Foam, 2% at temperatures above 120°F (49°C).
- Do not break through (puncture) the Ketodan[®] Foam, 2% can.

Keep Ketodan[®] Foam, 2% and all medicines out of the reach of children.

General information about the safe and effective use of Ketodan[®] Foam, 2%.

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use Ketodan[®] Foam, 2% for a condition for which it was not prescribed. Do not give Ketodan[®] Foam, 2% to other people, even if they have the same symptoms that you have. It may harm them. You can ask your pharmacist or healthcare provider for information about Ketodan[®] Foam, 2% that is written for health professionals.

What are the ingredients in Ketodan[®] Foam, 2%?

Active ingredient: ketoconazole

Inactive Ingredients: cetyl alcohol, citric acid, ethanol 58%, polysorbate 60, potassium citrate, propylene glycol, purified water, and stearyl alcohol pressurized with a hydrocarbon (propane/butane) propellant

For more information, call Medimetriks at 1-973-882-7512

This Patient Information leaflet has been approved by the U.S. Food and Drug Administration.

Instructions for Use

Ketodan[®] Foam, 2%

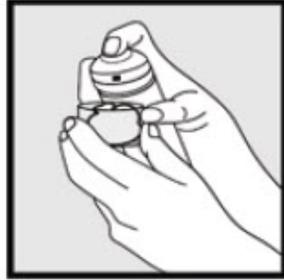
Important Information: Ketodan[®] Foam, 2% is for use on the skin only. Do not use Ketodan[®] Foam, 2% in your eyes, mouth or vagina.

Step 1: Remove the clear cap from the Ketodan[®] Foam, 2% can.



Step 2: Hold the can upright and firmly press the nozzle to dispense Ketodan[®] Foam, 2% into the clear cap.

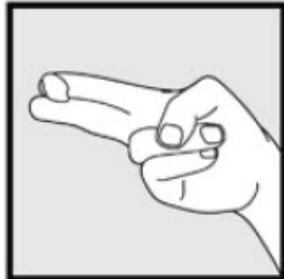
- Dispense enough Ketodan[®] Foam, 2% to cover the entire affected area(s).



- If the can seems warm or the foam seems runny, run the can under cold water.



Step 3: Pick up small amounts of Ketodan[®] Foam, 2% with your fingertips and gently rub the foam into the affected area(s) until the foam disappears.



- If you are treating areas such as your scalp, part the hair so that Ketodan[®] Foam, 2% may be applied directly to the skin.



Step 4: Wash your hands after applying Ketodan[®] Foam, 2%.

- Throw away any of the unused medicine that is left in the cap.



How should I store Ketodan[®] Foam, 2%?

- Store Ketodan[®] Foam, 2% at room temperature between 68°F to 77°F (20°C to 25°C).
- Do not store the Ketodan[®] Foam, 2% can in the refrigerator or freezer.
- Keep Ketodan[®] Foam, 2% away from heat. Never throw the can into a fire, even if the can is empty.
- Do not store Ketodan[®] Foam, 2% at temperatures above 120°F (49°C).
- Do not break through (puncture) the Ketodan[®] Foam, 2% can.

Keep Ketodan[®] Foam, 2% and all medicines out of the reach of children.

This Instructions for Use has been approved by the U.S. Food and Drug Administration.

Rx Only

Made in Israel

Manufactured by:

Padagis, Yeruham, Israel

Manufactured for:

Medimetriks Pharmaceuticals, Inc.

383 Route 46 West, Fairfield, NJ 07004-2402

www.medimetriks.com

IP031-R5

Rev. Date: 09/21

PRINCIPAL DISPLAY PANEL - 100 g Can Carton

NDC 43538-530-10

R_x Only

Ketodan[®]

Ketoconazole Foam, 2%

For Topical Use Only.

Not For Ophthalmic, Oral,
or Intravaginal Use.

Net wt. 100 g

MEDIMETRIKS

PHARMACEUTICALS, INC.

229



NDC 43538-530-10

Rx Only

Ketodan[®]
Ketoconazole Foam, 2%
Net wt. 100 g

NDC 43538-530-10

Rx Only

Ketodan[®]
Ketoconazole Foam, 2%

For Topical Use Only.
Not For Ophthalmic, Oral,
or Intravaginal Use.



Hold the can at an upright angle
and then press firmly to dispense.

NDC 43538-530-10

Rx Only

Ketodan[®]
Ketoconazole Foam, 2%

For Topical Use Only.
Not For Ophthalmic, Oral,
or Intravaginal Use.

NDC 43538-530-10

Rx Only

Ketodan[®]
Ketoconazole Foam, 2%

For Topical Use Only.
Not For Ophthalmic, Oral,
or Intravaginal Use.



Hold the can at an upright angle
and then press firmly to dispense.

NDC 43538-530-10

Rx Only

Ketodan[®]
Ketoconazole Foam, 2%

For Topical Use Only.
Not For Ophthalmic, Oral,
or Intravaginal Use.

DESCRIPTION: Ketodan[®] Foam contains 20 mg ketoconazole, USP per gram in a thermolabile hydroethanolic foam vehicle consisting of cetyl alcohol, citric acid, ethanol 58%, polysorbate 60, potassium citrate, propylene glycol, purified water, and stearyl alcohol pressurized with a hydrocarbon (propane/butane) propellant.

DOSAGE: Use only as prescribed by your physician. See package insert for full prescribing information.

WARNING: FLAMMABLE. AVOID FIRE, FLAME OR SMOKING DURING AND IMMEDIATELY FOLLOWING APPLICATION.

Contents under pressure. Do not puncture and/or incinerate container. Do not expose containers to heat, and/or store at temperatures above 120°F (49°C). Do not store in direct sunlight.

AVOID CONTACT WITH EYES. KEEP OUT OF REACH OF CHILDREN.

Do not store in the refrigerator. Store at 20-25°C (68-77°F) [See USP Controlled Room Temperature].

Patient information leaflet enclosed.

Net wt. 100 g

Net wt. 100 g

Manufactured for:
MEDIMETRIKS
PHARMACEUTICALS, INC.
383 Route 46 West • Fairfield, NJ 07004-2402 USA
www.medimetrics.com

Manufactured by: Padagis, Yeruham, Israel

Made in Israel • CFC FREE

IC093-R6 Rev. Date: 04/22

5K2C1 EK C7

MEDIMETRIKS
PHARMACEUTICALS, INC.

MEDIMETRIKS
PHARMACEUTICALS, INC.



3 43538-530-10 7



KETODAN

ketoconazole aerosol, foam

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:43538-530
Route of Administration	TOPICAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
ketoconazole (UNII: R9400W927I) (ketoconazole - UNII:R9400W927I)	ketoconazole	20 mg in 1 g

Inactive Ingredients

Ingredient Name	Strength
cetyl alcohol (UNII: 936JST6JCN)	
citric acid monohydrate (UNII: 2968PHW8QP)	
alcohol (UNII: 3K9958V90M)	
tert-butyl alcohol (UNII: MD83SFE959)	
brucine sulfate (UNII: KY7O12XPOQ)	
polysorbate 60 (UNII: CAL22UVI4M)	
potassium citrate (UNII: EE90ONI6FF)	
propylene glycol (UNII: 6DC9Q167V3)	
water (UNII: 059QF0KO0R)	
stearyl alcohol (UNII: 2KR89I4H1Y)	
butane (UNII: 6LV4FOR43R)	
propane (UNII: T75W9911L6)	

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:43538-530-10	1 in 1 CARTON	06/15/2012	
1		100 g in 1 CAN; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
--------------------	--	----------------------	--------------------

ANDA	ANDA091550	06/15/2012	
------	------------	------------	--

Labeler - Medimetriks Pharmaceuticals, Inc. (019903816)

Establishment

Name	Address	ID/FEI	Business Operations
Padagis		600093611	MANUFACTURE(43538-530)

Revised: 10/2023

Medimetriks Pharmaceuticals, Inc.