

**NR-11- minoxidil sulfate, finasteride, alfatradiol liquid**  
**DS Healthcare Group Inc.**

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Twice per day, dispense six sprays and massage NR-11 evenly into the scalp. Do not rinse. For best results, wash hair daily with a high-quality shampoo. Consult a health-care professional to establish your optimal treatment regimen.

FOR EXTERNAL USE ONLY. AVOID CONTACT WITH EYES. NOT FOR WOMEN. DO NOT USE THIS PRODUCT IF YOU HAVE HEART DISEASE OR ARE TAKING BLOOD-PRESSURE-LOWERING MEDICATIONS. DISCONTINUE USE IMMEDIATELY AND SEE A PHYSICIAN IF YOU EXPERIENCE CHEST PAIN OR RAPID HEARTBEAT. DO NOT USE IF YOU ARE UNDER 18 YEARS OF AGE. KEEP OUT OF REACH OF CHILDREN.

DEIONIZED WATER, PROPYLENE GLYCOL, ETHYL ALCOHOL, LACTIC ACID, PANTHENYL ETHYL ETHER, INOSITOL, ACETYL METHIONINE, MILK PROTEIN, SODIUM CITRATE, ACETYL CYSTEINE, LACTOSE, CITRIC ACID, PHOSPHOLIPIDS, RETINOL, GLYCERIN, POLYSORBATE 80, MYRISTOYL PENTAPEPTIDE-17, COPPER TRIPEPTIDE-1, PHENOXYETHANOL, CAPRYLYL GLYCOL

Indicated for male pattern baldness; for hair-regrowth  
for hair-regrowth

DO NOT USE IF YOU ARE UNDER 18 YEARS OF AGE. KEEP OUT OF REACH OF CHILDREN.

Minoxidil sulfate .....12%

Finasteride..... 0.1%

Alfatradiol..... 0.05%



NR **11**

## Hair Regrowth Treatment

- MINOXIDIL SULFATE 12%
- FINASTERIDE 0.1%
- ALFATRADIOL 0.05%
- ADVANCED LIOSPHERE TECHNOLOGY
- NON-IRRITATING FORMULA

2 oz. / 60 ml. e

**NOT FOR WOMEN**

### USAGE DIRECTIONS

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#### INGREDIENTS:

DEIONIZED WATER, PROPYLENE GLYCOL, ETHYL ALCOHOL, LACTIC ACID, PANTHENYL ETHYL ETHER, INOSITOL, ACETYL METHIONINE, MILK PROTEIN, SODIUM CITRATE, ACETYL CYSTEINE, LACTOSE, CITRIC ACID, PHOSPHOLIPIDS, RETINOL, GLYCERIN, POLYSORBATE 80, MYRISTOYL PENTAPEPTIDE-17, COPPER TRIPEPTIDE-1, PHENOXYETHANOL, CAPRYLYL GLYCOL

Minoxidil sulfate 12% • Finasteride 0.1% • Alfatradiol 0.05%

BT000223



NOT FOR WOMEN

**NR-11 is the most potent hair-growth treatment we make: the absolute state of the art in topical hair-loss therapy**

Polaris NR-11, a unique and potent hair-growth treatment, works through multiple pathways, deploying a broad-spectrum therapy for best outcomes. It offers the greatest opportunity for success in men with the most difficult cases of male pattern baldness.

NR-11 features the highest concentrations of many state-of-the-art components, and it deploys Lipospheres, the most advanced delivery vehicles yet devised for topical applications. These tiny carriers remain stable at all temperatures and withstand all kinds of mechanical shearing. They encapsulate their active ingredients, then vector them deep into the skin at targeted sites so they can perform better, longer.

This nonirritating formula encourages patients to adhere to treatment programs because it does not cause greasiness, stickiness, or redness.

**DIRECTIONS**

Twice per day, dispense six sprays and massage NR-11 evenly into the scalp. Do not rinse. For best results, wash hair daily with a high-quality shampoo. Consult a health-care professional to establish your optimal treatment regimen.

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**THE HIGHEST CONCENTRATION OF PREMIUM MINOXIDIL SULFATE**

- Utilizing cutting-edge technologies, Polaris Research Laboratories has achieved the highest concentration of premium minoxidil sulfate ever offered in a topical formulation.
- This very high concentration is delivered in our advanced Liposphere encapsulation system, which eliminates the potential for irritation and inflammation typical of other minoxidil products.

- This is the premium, most potent, least irritating formula with a high level of minoxidil sulfate, a material proven in hundreds of clinical trials with thousands of volunteers.

**A MORE COMPLETE APPROACH TO GROWTH TREATMENT**

- Additional compounds in the formula work to address processes in the scalp for which minoxidil is not effective.
- A multipolypeptide complex enables the expression and suppression of various enzymes to trigger and prolong the anagen (growth) phase of the hair cycle.
- The well-studied and proven finasteride compound helps to protect hair follicles from attack by dihydrotestosterone (DHT).
- Alfatradiol regulates hair growth by mediation through receptors to offer more complete targeting than finasteride alone.

NOT FOR WOMEN

**Polaris Research®**

- MINOXIDIL SULFATE 12%
- FINASTERIDE 0.1%
- ALFATRADIOL 0.05%
- ADVANCED LIPOSPHERE TECHNOLOGY
- NON-IRRITATING FORMULA

**NR 11**  
Hair Regrowth Treatment

2 fl oz / 60 ml e

**LIPOSPHERE TECHNOLOGY**

The Lipospheres deployed in Polaris NR-11 deliver maximum effectiveness, so users retain and regrow more hair.

- Premium Polaris NR-11 incorporates our next-generation liposome technology to achieve optimal absorption of the active ingredients.
- Liposphere technology — an advanced lamellar lipid bilayer delivery system — encapsulates compounds in a matrix similar to natural skin.
- Vectored by Lipospheres, the active substances permeate the stratum corneum to merge with deeper layers of skin, instead of merely dissipating at the surface.
- Lipospheres release their payloads gradually over time for maximum effect.
- Lipospheres strengthen the scalp's protective lipid barrier function, slowing transdermal water loss and minimizing irritation.
- Liposphere technology allows Polaris NR-11 to use less alcohol and propylene glycol, which sometimes irritate the scalp.

**INGREDIENTS**

DEIONIZED WATER, PROPYLENE GLYCOL, ETHYL ALCOHOL, LACTIC ACID, PANTHENYL ETHYL ETHER, INOSITOL, ACETYL METHIONINE, MILK PROTEIN, SODIUM CITRATE, ACETYL CYSTINE, LACTOSE, CITRIC ACID, PHOSPHOLIPIDS, RETINOL, GLYCERIN, POLYSORBATE 80, MYRISTYL PENTAPEPTIDE-17, COPPER TRIPYRIDYL-1, PHENYLETHANOL, CAPRYLYL GLYCOL.

Minoxidil sulfate 12% • Finasteride 0.1% • Alfatradiol 0.05%

Manufactured for: Polaris Research Inc.  
1601 Green Road, Pompano Beach, FL 33064 USA  
MADE IN USA



BX000016

**NR-11**

minoxidil sulfate, finasteride, alfatradiol liquid

**Product Information**

<b>Product Type</b>	HUMAN OTC DRUG	<b>Item Code (Source)</b>	NDC:69188-163
<b>Route of Administration</b>	TOPICAL		

**Active Ingredient/Active Moiety**

<b>Ingredient Name</b>	<b>Basis of Strength</b>	<b>Strength</b>
ALFATRADIOL (UNII: 3VQ38D63M7) (ALFATRADIOL - UNII:3VQ38D63M7)	ALFATRADIOL	0.05 g in 100 g
MINOXIDIL SULFATE ESTER (UNII: 2H6K6Y231J) (MINOXIDIL - UNII:5965120SH1)	MINOXIDIL SULFATE ESTER	12 g in 100 g
FINASTERIDE (UNII: 57GNO57U7G) (FINASTERIDE - UNII:57GNO57U7G)	FINASTERIDE	0.01 g in 100 g

**Inactive Ingredients**

<b>Ingredient Name</b>	<b>Strength</b>
WATER (UNII: 059QF0K00R)	
PROPYLENE GLYCOL (UNII: 6DC9Q167V3)	
CASEIN (UNII: 48268V50D5)	
LACTOSE (UNII: J2B2A4N98G)	
CITRIC ACID MONOHYDRATE (UNII: 2968PHW8QP)	
LECITHIN, SOYBEAN (UNII: 1DI56QDM62)	
INOSITOL (UNII: 4L6452S749)	
ACETYLCYSTEINE (UNII: WYQ7N0BPYC)	
SODIUM CITRATE (UNII: 1Q73Q2JULR)	
GLYCERIN (UNII: PDC6A3C0OX)	
POLYSORBATE 80 (UNII: 6OZP39ZG8H)	
MYRISTOYL PENTAPEPTIDE-4 (UNII: PMA59A699X)	
PREZATIDE COPPER (UNII: 6BJQ43T1I9)	
PHENOXYETHANOL (UNII: HIE492ZZ3T)	
CAPRYLYL GLYCOL (UNII: 00YIU5438U)	
ALCOHOL (UNII: 3K9958V90M)	
LACTIC ACID (UNII: 33X04XA5AT)	
PANTHENYL ETHYL ETHER (UNII: F4WMF8NX3B)	
N-ACETYLMETHIONINE (UNII: 9J12WX5B6A)	
RETINOL (UNII: G2SH0XKK91)	

**Product Characteristics**

<b>Color</b>	yellow (Light yellow thin liquid)	<b>Score</b>	
<b>Shape</b>		<b>Size</b>	
<b>Flavor</b>		<b>Imprint Code</b>	
<b>Contains</b>			

**Packaging**

<b>#</b>	<b>Item Code</b>	<b>Package Description</b>	<b>Marketing Start Date</b>	<b>Marketing End Date</b>
1	NDC:69188-163-60	60 g in 1 BOTTLE, SPRAY; Type 0: Not a Combination Product	06/21/2017	

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Export only		06/21/2017	

**Labeler** - DS Healthcare Group Inc. (015504134)

**Registrant** - DS Healthcare Group Inc. (015504134)

## Establishment

Name	Address	ID/FEI	Business Operations
DS Healthcare Group Inc.		015504134	relabel(69188-163)

## Establishment

Name	Address	ID/FEI	Business Operations
A.I.G. Technologies Inc.		171837367	manufacture(69188-163)

Revised: 6/2017

DS Healthcare Group Inc.