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HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use DAPSONE GEL safely and effectively. See full prescribing information for DAPSONE GEL.

DAPSONE gel, for topical use only
Initial U.S. Approval: 1955

RECENT MAJOR CHANGES
Warnings and Precautions, Methemoglobinemia (5.1) 7/2015

INDICATIONS AND USAGE
Dapsone gel is indicated for the topical treatment of acne vulgaris (1).

DOSAGE AND ADMINISTRATION

- Apply twice daily (2).
- Apply approximately a pea-sized amount of dapsone gel, 5%, in a thin layer to the acne affected area (2).
- If there is no improvement after 12 weeks, treatment with dapsone gel, 5%, should be reassessed (2).
- For topical use only. Not for oral, ophthalmic, or intravaginal use (2).

DOSAGE FORMS AND STRENGTHS
Gel, 5% (3).

CONTRAINDICATIONS
None (4).

WARNINGS AND PRECAUTIONS

- Methemoglobinemia: Cases of methemoglobinemia have been reported. Discontinue dapsone gel if signs of methemoglobinemia occur (5.1).
- Hematologic Effects: Some subjects with G6PD deficiency using dapsone gel developed laboratory changes suggestive of hemolysis. (5.2)(8.6).

ADVERSE REACTIONS
Most common adverse reactions (incidence ≥ 10%) are oiliness/peeling, dryness and erythema at the application site (6).

To report SUSPECTED ADVERSE REACTIONS, contact Taro Pharmaceuticals U.S.A., Inc. at 1-866-923-4914 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- Trimethoprim/sulfamethoxazole (TMP/SMX) increases the level of dapsone and its metabolites (7.1).
- Topical benzoyl peroxide used at the same time as dapsone gel may result in temporary local yellow or orange skin discoloration (7.2).

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling. Revised: 06/2017

Dapsone Gel, 5%

Dapsone Gel, 5%

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DAPSONE gel, for topical use only
Initial U.S. Approval: 1955

RECENT MAJOR CHANGES
Warnings and Precautions, Methemoglobinemia (5.1) 7/2015

INDICATIONS AND USAGE
Dapsone gel is indicated for the topical treatment of acne vulgaris (1).

- DOSAGE AND ADMINISTRATION**
- Apply twice daily (2).
 - Apply approximately a pea-sized amount of dapsone gel, 5%, in a thin layer to the acne affected area (2).
 - If there is no improvement after 12 weeks, treatment with dapsone gel, 5%, should be reassessed (2).
 - For topical use only. Not for oral, ophthalmic, or intravaginal use (2).

DOSAGE FORMS AND STRENGTHS
Gel, 5% (3).

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PATIENT INFORMATION	Dapsone (dap. sone) Gel, 5%
Important:	For use on skin only (topical use). Do not use Dapsone Gel, 5% in or on your mouth, eyes, or vagina.
What is Dapsone Gel, 5%?	Dapsone Gel, 5% is a prescription medicine used on your skin (topical) to treat acne vulgaris. Dapsone Gel has not been studied in children under 12 years of age.
Before using Dapsone Gel, 5%, tell your doctor about all of your medical conditions, including if you:	<ul style="list-style-type: none"> • Have glucose-6-phosphate dehydrogenase deficiency (G6PD) • Have higher than normal levels of methemoglobin in your blood (methemoglobinemia) • Are pregnant or plan to become pregnant. It is not known if Dapsone Gel, 5% will harm your unborn baby. • Are breastfeeding or plan to breastfeed. Dapsone Gel, 5% can pass into your breast milk and may harm your baby. You and your doctor should decide if you will use Dapsone Gel, 5% or breastfeed. You should not do both.
Tell your doctor about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.	Especially tell your doctor if you are using acne medicines that contain benzoyl peroxide. Use of benzoyl peroxide with Dapsone Gel, 5% at the same time may cause your skin or facial hair to temporarily turn yellow or orange at the site of application.
How should I use Dapsone Gel, 5%?	<ul style="list-style-type: none"> • Use Dapsone Gel, 5% exactly as your doctor tells you. • Apply Dapsone Gel, 5%, twice a day. • Gently wash and pat dry the areas of your skin where you will apply Dapsone Gel, 5%. • Apply a pea-sized amount of Dapsone Gel, 5% in a thin layer to the areas of your skin that have acne. • Rub Dapsone Gel, 5% in gently and completely. It may feel gritty and you may see particles in the gel. • Make sure to put the cap back on the Dapsone Gel tube. Close it tightly. • Wash your hands after applying Dapsone Gel, 5%. Do not swallow Dapsone Gel. • If you swallow Dapsone Gel, call your doctor or poison control center right away. • If your acne does not get better after using Dapsone Gel, 5% for 12 weeks, talk to your doctor about continuing treatment.

FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE
Dapsone Gel, 5%, is indicated for the topical treatment of acne vulgaris.

2 DOSAGE AND ADMINISTRATION
For topical use only. Not for oral, ophthalmic, or intravaginal use. After the skin is gently washed and patted dry, apply approximately a pea-sized amount of dapsone gel, 5%, in a thin layer to the acne affected areas twice daily. Rub in dapsone gel, 5%, gently and completely. Dapsone gel, 5%, is gritty with visible drug substance particles. Wash hands after application of dapsone gel, 5%. If there is no improvement after 12 weeks, treatment with dapsone gel, 5%, should be reassessed.

3 DOSAGE FORMS AND STRENGTHS
Gel, 5%. Each gram of dapsone gel contains 50 mg of dapsone in a white to pale yellowish gel.

4 CONTRAINDICATIONS
None.

5 WARNINGS AND PRECAUTIONS

5.1 Methemoglobinemia
Cases of methemoglobinemia, with resultant hospitalization, have been reported postmarketing in association with dapsone gel, 5% treatment. Patients with glucose-6-phosphate dehydrogenase deficiency or congenital or idiopathic methemoglobinemia are more susceptible to drug-induced methemoglobinemia. Avoid use of dapsone gel, 5% in those patients with congenital or idiopathic methemoglobinemia. Signs and symptoms of methemoglobinemia may be delayed some hours after exposure. Initial signs and symptoms of methemoglobinemia are characterized by a slate grey cyanosis seen in, e.g., buccal mucous membranes, lips and nail beds. Advise patients to discontinue dapsone gel, 5% and seek immediate medical attention in the event of cyanosis. Dapsone can cause elevated methemoglobin levels particularly in conjunction with methemoglobin-inducing agents.

5.2 Hematologic Effects
Oral dapsone treatment has produced dose-related hemolysis and hemolytic anemia. Individuals with glucose-6-phosphate dehydrogenase (G6PD) deficiency are more prone to hemolysis with the use of certain drugs. G6PD deficiency is most prevalent in populations of African, South Asian, Middle Eastern, and Mediterranean ancestry. Some subjects with G6PD deficiency using dapsone gel developed laboratory changes suggestive of hemolysis. There was no evidence of clinically relevant hemolysis or anemia in patients treated with dapsone gel, 5%, including patients who were G6PD deficient. Discontinue dapsone gel, 5%, if signs and symptoms suggestive of hemolytic anemia occur. Avoid use of dapsone gel, 5% in patients who are taking oral dapsone or antimalarial medications because of the potential for hemolytic reactions. Combination of dapsone gel, 5%, with trimethoprim/sulfamethoxazole (TMP/SMX) may increase the likelihood of hemolysis in patients with G6PD deficiency.

5.3 Peripheral Neuropathy
Peripheral neuropathy (motor loss and muscle weakness) has been reported with oral dapsone treatment. No events of peripheral neuropathy were observed in clinical trials with topical dapsone gel, 5% treatment.

5.4 Skin
Skin reactions (toxic epidermal necrolysis, erythema multiforme, morbilliform and scarlatiniform reactions, bullous and exfoliative dermatitis, erythema nodosum, and urticaria) have been reported with oral dapsone

treatment. These types of skin reactions were not observed in clinical trials with topical dapsone gel, 5% treatment.

6 ADVERSE REACTIONS

6.1 Clinical Studies 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. Serious adverse reactions reported in patients treated with dapsone gel, 5%, during clinical trials included but were not limited to the following:

- Nervous system/Psychiatric – Suicide attempt, tonic clonic movements.
- Gastrointestinal – Abdominal pain, severe vomiting, pancreatitis.
- Other – Severe pharyngitis

In the clinical trials, a total of 12 out of 4032 patients were reported to have depression (3 of 1660 treated with vehicle and 9 of 2372 treated with dapsone gel, 5%). Psychosis was reported in 2 of 2372 patients treated with dapsone gel, 5%, and in 0 of 1660 patients treated with vehicle. Combined contact sensitization/irritation studies with dapsone gel, 5%, in 253 healthy subjects resulted in at least 3 subjects with moderate erythema. Dapsone gel, 5%, did not induce phototoxicity or photoallergy in human dermal safety studies. Dapsone gel, 5%, was evaluated for 12 weeks in four controlled studies for local cutaneous events in 1819 patients. The most common events reported from these studies include oiliness/peeling, dryness, and erythema. These data are shown by severity in Table 1 below.

Table 1 – Application Site Adverse Reactions by Maximum Severity

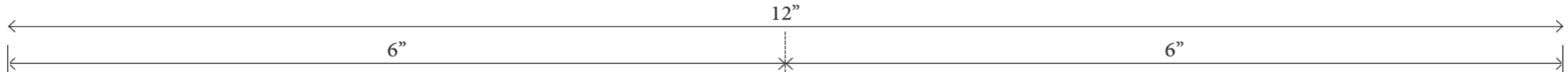
Application Site Event	Dapsone Gel 5% (N=1819)			Vehicle (N=1660)		
	Mild	Moderate	Severe	Mild	Moderate	Severe
Erythema	9%	5%	<1%	9%	6%	<1%
Dryness	14%	3%	<1%	14%	4%	<1%
Oiliness/Peeling	13%	6%	<1%	15%	6%	<1%

The adverse reactions occurring in at least 1% of patients in either arm in the four vehicle controlled studies are presented in Table 2.

Table 2 – Adverse Reactions Occurring in at least 1% of Patients

	Dapsone Gel 5% (N=1819)	Vehicle (N=1660)
Application Site Reaction NOS	18%	20%
Application Site Dryness	16%	17%
Application Site Erythema	13%	14%
Application Site Burning	1%	2%
Application Site Pruritus	1%	1%
Pyrexia	1%	1%
Nasopharyngitis	5%	6%
Upper Respiratory Tract Inf. NOS	3%	3%
Sinusitis NOS	2%	1%

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Influenza	1%	1%
Pharyngitis	2%	2%
Cough	2%	2%
Joint Sprain	1%	1%
Headache NOS	4%	4%

NOS = Not otherwise specified

One patient treated with dapsona gel in the clinical trials had facial swelling which led to discontinuation of medication.

In addition, 486 patients were evaluated in a 12 month safety study. The adverse event profile in this study was consistent with that observed in the vehicle-controlled studies.

6.2 Experience with Oral Use of Dapsone

Although not observed in the clinical trials with dapsona gel (topical dapsona) serious adverse reactions have been reported with oral use of dapsona, including agranulocytosis, hemolytic anemia, peripheral neuropathy (motor loss and muscle weakness), and skin reactions (toxic epidermal necrolysis, erythema multiforme, morbilliform and scarlatiniform reactions, bullous and exfoliative dermatitis, erythema nodosum, and urticaria).

6.3 Postmarketing Experience

The following adverse reactions have been identified during post-approval use of dapsona gel, 5%. Because these reactions 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. Methemoglobinemia has been identified during postmarketing use of dapsona gel, 5% [see Warnings and Precautions (5.1)].

7 DRUG INTERACTIONS

7.1 Trimethoprim-Sulfamethoxazole

A drug-drug interaction study evaluated the effect of the use of dapsona gel, 5%, in combination with double strength (160 mg/800 mg) trimethoprim-sulfamethoxazole (TMP/SMX). During co-administration, systemic levels of TMP and SMX were essentially unchanged. However, levels of dapsona and its metabolites increased in the presence of TMP/SMX. Systemic exposure (AUC₀₋₁₂) of dapsona and N-acetyl-dapsone (NAD) were increased by about 40% and 20% respectively in the presence of TMP/SMX. Notably, systemic exposure (AUC₀₋₁₂) of dapsona hydroxylamine (DHA) was more than doubled in the presence of TMP/SMX. Exposure from the proposed topical dose is about 1% of that from the 100 mg oral dose, even when co-administered with TMP/SMX.

7.2 Topical Benzoyl Peroxide

Topical application of dapsona gel followed by benzoyl peroxide in subjects with acne vulgaris resulted in a temporary local yellow or orange discoloration of the skin and facial hair (reported by 7 out of 95 subjects in a clinical study) with resolution in 4 to 57 days.

7.3 Drug Interactions with Oral Dapsone

Certain concomitant medications (such as rifampin, anticonvulsants, St. John's wort) may increase the formation of dapsona hydroxylamine, a metabolite of dapsona associated with hemolysis. With oral dapsona treatment, folic acid antagonists such as pyrimethamine have been noted to possibly increase the likelihood of hematologic reactions.

7.4 Concomitant Use with Drugs that Induce Methemoglobinemia

Concomitant use of dapsona gel with drugs that induce methemoglobinemia such as sulfonamides, acetaminophen, acetaminolide, aniline dyes, benzocaine, chloroquine, dapsona, naphthalene, nitrates and nitrites, nitrofurantoin, nitroglycerin, nitroprusside, pamaquine, para-aminosalicylic acid, phenacetin, phenobarbital, phenytoin, primaquine, and quinine may increase the risk for developing methemoglobinemia [see Warnings and Precautions (5.1)].

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy Teratogenic Effects: Pregnancy Category C

There are no adequate and well controlled studies in pregnant women. Dapsone has been shown to have an embryocidal effect in rats and rabbits when administered orally in doses of 75 mg/kg/day and 150 mg/kg/day (approximately 800 and 500 times the systemic exposure observed in human females as a result of use of the maximum recommended topical dose, based on AUC comparisons), respectively. These effects were probably secondary to maternal toxicity. Dapsone gel, 5%, should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

8.3 Nursing Mothers

Although systemic absorption of dapsona following topical application of dapsona gel, 5%, is minimal relative to oral dapsona administration, it is known that dapsona is excreted in human milk. Because of the potential for oral dapsona to cause adverse reactions in nursing infants, a decision should be made whether to discontinue nursing or to discontinue dapsona gel, 5%, taking into account the importance of the drug to the mother.

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8.4 Pediatric Use

Safety and efficacy was evaluated in 1169 children aged 12 to 17 years old treated with dapsona gel, 5%, in the clinical studies. The adverse event rate for dapsona gel, 5%, was similar to the vehicle control group. Safety and efficacy was not studied in pediatric patients less than 12 years of age, therefore dapsona gel, 5%, is not recommended for use in this age group.

8.5 Geriatric Use

Clinical studies of dapsona gel, 5%, did not include sufficient number of patients aged 65 and over to determine whether they respond differently from younger patients.

8.6 G6PD Deficiency

Dapsone gel, 5% and vehicle were evaluated in a randomized, double-blind, cross-over design clinical study of 64 patients with G6PD deficiency and acne vulgaris. Subjects were Black (88%), Asian (6%), Hispanic (2%) or of other racial origin (5%). Blood samples were taken at Baseline, Week 2, and Week 12 during both vehicle and dapsona gel, 5% treatment periods. There were 56 out of 64 subjects who had a Week 2 blood draw and applied at least 50% of the treatment applications. Table 3 contains results from testing of relevant hematology parameters for these two treatment periods. Dapsone gel was associated with a 0.32 g/dL drop in hemoglobin after two weeks of treatment, but hemoglobin levels generally returned to baseline levels at Week 12.

Table 3 – Mean Hemoglobin, Bilirubin, and Reticulocyte Levels in Acne Subjects with G6PD Deficiency in Dapsone Gel/Vehicle Cross-Over Study

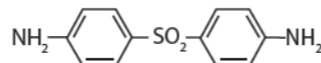
		Dapsone Gel, 5%		Vehicle	
		N	Mean	N	Mean
Hemoglobin (g/dL)	Pre-treatment	53	13.44	56	13.36
	2 weeks	53	13.12	55	13.34
	12 weeks	50	13.42	50	13.37
Bilirubin (mg/dL)	Pre-treatment	54	0.58	56	0.55
	2 weeks	53	0.65	55	0.56
	12 weeks	50	0.61	50	0.62
Reticulocytes (%)	Pre-treatment	53	1.30	55	1.34
	2 weeks	53	1.51	55	1.34
	12 weeks	50	1.48	50	1.41

There were no changes from baseline in haptoglobin or lactate dehydrogenase during dapsona gel or vehicle treatment at either the 2-week or 12-week time point.

The proportion of subjects who experienced decreases in hemoglobin ≥ 1 g/dL was similar between dapsona gel, 5% and vehicle treatment (8 of 58 subjects had such decreases during dapsona gel treatment compared to 7 of 56 subjects during vehicle treatment among subjects with at least one on-treatment hemoglobin assessment). Subgroups based on gender, race, or G6PD enzyme activity did not display any differences in laboratory results from the overall study group. There was no evidence of clinically significant hemolytic anemia in this study. Some of these subjects developed laboratory changes suggestive of hemolysis.

11 DESCRIPTION

Dapsone gel, 5%, contains dapsona, USP a sulfone, in an aqueous gel base for topical dermatologic use. Dapsone gel, 5% is a gritty translucent material with visible drug substance particles. Chemically, dapsona has an empirical formula of C₁₂H₁₂N₂O₂S. It is a white, odorless crystalline powder that has a molecular weight of 248. Dapsone's chemical name is 4,4'-diaminodiphenylsulfone and its structural formula is:



Each gram of dapsona gel, 5%, contains 50 mg of dapsona, USP, in a gel of carbomer homopolymer type C, diethylene glycol monoethyl ether, methylparaben, purified water and sodium hydroxide.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

The mechanism of action of dapsona gel in treating acne vulgaris is not known.

12.3 Pharmacokinetics

An open-label study compared the pharmacokinetics of dapsona after dapsona gel, 5%, (110 ± 60 mg/day) was applied twice daily (~BSA 22.5%) for 14 days (n=18) with a single 100 mg dose of oral dapsona administered to a subgroup of patients (n=10) in a crossover design. On Day 14 the mean dapsona AUC_{0-24h} was 415 ± 224 ng•h/mL for dapsona gel, 5%, whereas following a single 100 mg

dose of oral dapsona the AUC_{0-24h} was 52,641 ± 36,223 ng•h/mL. Exposure after the oral dose of 100 mg dapsona was approximately 100 times greater than after the topical dapsona gel, 5% dose, twice a day.

In a long-term safety study of dapsona gel, 5% treatment, periodic blood samples were collected up to 12 months to determine systemic exposure of dapsona and its metabolites in approximately 500 patients. Based on the measurable dapsona concentrations from 408 patients (M=192, F=216), obtained at month 3, neither gender, nor race appeared to affect the pharmacokinetics of dapsona. Similarly, dapsona exposures were approximately the same between the age groups of 12 to 15 years (N=155) and those greater than or equal to 16 years (N=253). There was no evidence of increasing systemic exposure to dapsona over the study year in these patients.

12.4 Microbiology

In Vivo Activity: No microbiology or immunology studies were conducted during dapsona gel clinical trials. *Drug Resistance*: No dapsona resistance studies were conducted during dapsona gel clinical trials. Because no microbiology studies were done, there are no data available as to whether dapsona treatment may have resulted in decreased susceptibility of *Propionibacterium acnes*, an organism associated with acne, to other antimicrobials that may be used to treat acne. Therapeutic resistance to dapsona has been reported for *Mycobacterium laurae*, when patients have been treated with oral dapsona.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Dapsone was not mutagenic in a bacterial reverse mutation assay (Ames test) using *S. typhimurium* and *E. coli*, with and without metabolic activation and was negative in a micronucleus assay conducted in mice. Dapsone increased both numerical and structural aberrations in a chromosome aberration assay conducted with Chinese hamster ovary (CHO) cells.

Dapsone was not carcinogenic to rats when orally administered to females for 92 weeks or males for 100 weeks at dose levels up to 15 mg/kg/day (approximately 160 times the systemic exposure observed in human males and 300 times the systemic exposure observed in human females as a result of use of the maximum recommended topical dose, based on AUC comparisons).

No evidence of potential to induce carcinogenicity was obtained in a dermal study in which dapsona gel was topically applied to Tg.AC transgenic mice for approximately 26 weeks. Dapsone concentrations of 3%, 5%, and 10% were evaluated; 3% material was judged to be the maximum tolerated dosage. Dapsone gel, 5%, did not increase the rate of formation of ultraviolet light-induced skin tumors when topically applied to hairless mice in a 12-month photocarcinogenicity study.

The effects of dapsona on fertility and general reproduction performance were assessed in male and female rats following oral (gavage) dosing. Dapsone reduced sperm motility at dosages of 3 mg/kg/day or greater (approximately 17 times the systemic exposure observed in human males as a result of use of the maximum recommended topical dose, based on AUC comparisons). The mean numbers of embryo implantations and viable embryos were significantly reduced in untreated females mated with males that had been dosed at 12 mg/kg/day or greater (approximately 70 times the systemic exposure observed in human males as a result of use of the maximum recommended topical dose, based on AUC comparisons), presumably due to reduced numbers or effectiveness of sperm, indicating impairment of fertility. Dapsone had no effect on male fertility at dosages of 2 mg/kg/day or less (approximately 13 times the systemic exposure observed in human males as a result of use of the maximum recommended topical dose, based on AUC comparisons). When administered to female rats at a dosage of 75 mg/kg/day (approximately 800 times the systemic exposure observed in human females as a result of use of the maximum recommended topical dose, based on AUC comparisons) for 15 days prior to mating and for 17 days thereafter, dapsona reduced the mean number of implantations, increased the mean early resorption rate, and reduced the mean litter size. These effects were probably secondary to maternal toxicity.

Dapsone was assessed for effects on perinatal/postnatal pup development and postnatal maternal behavior and function in a study in which dapsona was orally administered to female rats daily beginning on the seventh day of gestation and continuing until the twenty-seventh day postpartum. Maternal toxicity (decreased body weight and food consumption) and developmental effects (increase in stillborn pups and decreased pup weight) were seen at a dapsona dose of 30 mg/kg/day (approximately 500 times the systemic exposure observed in human females as a result of use of the maximum recommended topical dose, based on AUC comparisons). No effects were observed on the viability, physical development, behavior, learning ability, or reproductive function of surviving pups.

14 CLINICAL STUDIES

Two randomized, double-blind, vehicle-controlled, clinical studies were conducted to evaluate dapsona gel, 5%, for the treatment of patients with acne vulgaris (N=1475 and 1529). The studies were designed to enroll patients 12 years of age and older with 20 to 50 inflammatory and 20 to 100 non-inflammatory lesions at baseline. In these studies patients applied either dapsona gel, 5%, or vehicle control twice daily for up to 12 weeks. Efficacy was evaluated in terms of success on the Global Acne Assessment Score (no or minimal acne) and in the percent reduction in inflammatory, non-inflammatory, and total lesions.

The Global Acne Assessment Score was a 5-point scale as follows:

- 0 None: no evidence of facial acne vulgaris
- 1 Minimal: few non-inflammatory lesions (comedones) are present; a few inflammatory lesions (papules/pustules) may be present
- 2 Mild: several to many non-inflammatory lesions (comedones) are present; a few inflammatory lesions (papules/pustules) are present
- 3 Moderate: many non-inflammatory (comedones) and inflammatory lesions (papules/pustules) are present; no nodulo-cystic lesions are allowed
- 4 Severe: significant degree of inflammatory disease; papules/pustules are a predominant feature; a few nodulo-cystic lesions may be present; comedones may be present.

The success rates on the Global Acne Assessment Score (no or minimal acne) at Week 12 are presented in Table 4.

Table 4 – Success (No or Minimal Acne) on the Global Acne Assessment Score at Week 12

	Study 1*		Study 2*	
	Dapsone Gel, 5% N=699	Vehicle N=687	Dapsone Gel, 5% N=729	Vehicle N=738
Subjects with No or Minimal Acne	291 (42%)	223 (32%)	253 (35%)	206 (28%)

*Analysis excludes subjects classified with minimal acne at baseline

Table 5 presents the mean percent reduction in inflammatory, non-inflammatory, and total lesions from baseline to Week 12.

Table 5 – Percent Reduction in Lesions from Baseline to Week 12

	Study 1		Study 2	
	Dapsone Gel, 5% N=745	Vehicle N=740	Dapsone Gel, 5% N=761	Vehicle N=764
Inflammatory	46%	42%	48%	40%
Non-inflammatory	31%	24%	30%	21%
Total	38%	32%	37%	29%

The clinical studies enrolled about equal proportions of male and female subjects. Female patients tended to have greater percent reductions in lesions and greater success on the Global Acne Assessment Score than males. The breakdown by race in the clinical studies was about 73% Caucasian, 14% Black, 9% Hispanic, and 2% Asian. Efficacy results were similar across the racial subgroups.

16 HOW SUPPLIED/STORAGE AND HANDLING

Dapsone Gel, 5%, is supplied in the following size tubes:
 NDC 51672-1387-2 30 gram laminate tube
 NDC 51672-1387-3 60 gram laminate tube
 NDC 51672-1387-8 90 gram laminate tube
 Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature]. Protect from freezing.

17 PATIENT COUNSELING INFORMATION

- See FDA-approved patient labeling (Patient Information)
- Advise patient to seek immediate medical attention for cyanosis [see Warnings and Precautions (5.1)].
- Advise patient to use dapsona gel, 5%, as directed by the physician. Dapsone gel, 5%, is for external topical use only. Dapsone gel, 5%, is not for oral, ophthalmic or intravaginal use.
- Advise patients to report any signs of adverse reactions to their physician.
- Protect dapsona gel, 5%, from freezing.
- See Patient Information for additional information on safety, efficacy, general use, and storage of dapsona gel, 5%.

Manufactured by: Taro Pharmaceuticals Inc., Brampton, Ontario, Canada L6T 1C1
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What are the possible side effects of Dapsone Gel, 5%?
 Dapsone Gel, 5% may cause serious side effects, including:

- Decrease of oxygen in your blood caused by a certain type of abnormal red blood cell (methemoglobinemia). Stop using Dapsone Gel, 5% and get medical help right away if your lips, nail beds, or the inside of your mouth turns grey or blue.
- Breakdown of red blood cells (hemolytic anemia). Some people with G6PD deficiency using Dapsone Gel, 5% have developed mild hemolytic anemia. Stop using Dapsone Gel, 5% and tell your doctor right away if you get any of the following signs and symptoms:
 - o back pain
 - o shortness of breath
 - o tiredness or weakness
 - o dark brown urine
 - o fever
 - o yellow or pale skin

The most common side effects of Dapsone Gel, 5% include oiliness, peeling, dryness, and redness of the skin being treated. These are not all of the possible side effects of Dapsone Gel, 5%. 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 Dapsone Gel, 5%?

- Store at room temperature, 68° to 77°F (20° to 25°C).
- Protect Dapsone Gel, 5% from freezing.

Keep Dapsone Gel, 5% and all medicines out of the reach of children.

General information about the safe and effective use of Dapsone Gel, 5%?
 Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use Dapsone Gel, 5% for a condition for which it was not prescribed. Do not give Dapsone Gel, 5% to other people, even if they have the same symptoms as you have. It may harm them. You can ask your pharmacist or doctor for information about Dapsone Gel, 5% that is written for health professionals.

What are the ingredients in Dapsone Gel, 5%?
Active ingredient: dapsona, USP
Inactive ingredients: carbomer homopolymer type C, diethylene glycol monoethyl ether, methylparaben, purified water and sodium hydroxide
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 For more information, call 1-866-923-4914

This Patient Information has been approved by the U.S. Food and Drug Administration.
 LPK-8223-1 3
 Revised: June, 2017

