

CHLORHEXIDINE GLUCONATE- chlorhexidine gluconate rinse
Darby Dental Supply, LLC

6020499 (16 oz) and 6020500 (4 oz)
Darby 0.12 % Chlorhexidine Gluconate Oral Rinse Mint

Clinical Pharmacology

CLINICAL PHARMACOLOGY: Chlorhexidine gluconate oral rinse provides antimicrobial activity during oral rinsing. The clinical significance of chlorhexidine gluconate oral rinse's antimicrobial activities is not clear. Microbiological sampling of plaque has shown a general reduction of counts of certain assayed bacteria, both aerobic and anaerobic, ranging from 54-97% through six months use.

Use of chlorhexidine gluconate oral rinse in a six month clinical study did not result in any significant changes in bacterial resistance, overgrowth of potentially opportunistic organisms or other adverse changes in the oral microbial ecosystem. Three months after chlorhexidine gluconate oral rinse use was discontinued, the number of bacteria in plaque had returned to baseline levels and resistance of plaque bacteria to chlorhexidine gluconate was equal to that at baseline.

Pharmacokinetics

Pharmacokinetics: Pharmacokinetic studies with chlorhexidine gluconate oral rinse indicate approximately 30% of the active ingredient, chlorhexidine gluconate, is retained in the oral cavity following rinsing. This retained drug is slowly released in the oral fluids. Studies conducted on human subjects and animals demonstrate chlorhexidine gluconate is poorly absorbed from the gastrointestinal tract. The mean plasma level of chlorhexidine gluconate reached a peak of 0.206 mcg/g in humans 30 minutes after they ingested a 300 mg dose of the drug. Detectable levels of chlorhexidine gluconate were not present in the plasma of these subjects 12 hours after the compound was administered. Excretion of chlorhexidine gluconate occurred primarily through the feces (~90%). Less than 1% of the chlorhexidine gluconate ingested by these subjects was excreted in the urine.

Contraindications

CONTRAINDICATIONS: Chlorhexidine gluconate oral rinse should not be used by persons who are known to be hypersensitive to chlorhexidine gluconate or other formula ingredients.

Warnings and Precautions

WARNINGS: The effect of chlorhexidine gluconate oral rinse on periodontitis has not been determined. An increase in supragingival calculus was noted in clinical testing in chlorhexidine gluconate oral rinse users compared with control users. It is not known if

chlorhexidine gluconate oral rinse use results in an increase in subgingival calculus. Calculus deposits should be removed by a dental prophylaxis at intervals not greater than six months. Anaphylaxis, as well as serious allergic reactions, have been reported during postmarketing use with dental products containing chlorhexidine. SEE CONTRAINDICATIONS.

PRECAUTIONS:

General:

1. For patients having coexisting gingivitis and periodontitis, the presence or absence of gingival inflammation following treatment with chlorhexidine gluconate oral rinse should not be used as a major indicator of underlying periodontitis.

2. Chlorhexidine gluconate oral rinse can cause staining of oral surfaces, such as tooth surfaces, restorations, and the dorsum of the tongue. Not all patients will experience a visually significant increase in tooth staining. In clinical testing, 56% of chlorhexidine gluconate oral rinse users exhibited a measurable increase in facial anterior stain, compared to 35% of control users after six months; 15% of chlorhexidine gluconate oral rinse users developed what was judged to be heavy stain, compared to 1% of control users after six months. Stain will be more pronounced in patients who have heavier accumulations of unremoved plaque. Stain resulting from use of chlorhexidine gluconate oral rinse does not adversely affect health of the gingivae or other oral tissues. Stain can be removed from most tooth surfaces by conventional professional prophylactic techniques. Additional time may be required to complete the prophylaxis. Discretion should be used when prescribing to patients with anterior facial restorations with rough surfaces or margins. If natural stain cannot be removed from these surfaces by a dental prophylaxis, patients should be excluded from chlorhexidine gluconate oral rinse treatment if permanent discoloration is unacceptable. Stain in these areas may be difficult to remove by dental prophylaxis and on rare occasions may necessitate replacement of these restorations.

3. Some patients may experience an alteration in taste perception while undergoing treatment with chlorhexidine gluconate oral rinse. Rare instances of permanent taste alteration following chlorhexidine gluconate oral rinse use have been reported via post-marketing product surveillance.

Pregnancy

Pregnancy: Teratogenic Effects Pregnancy Category B. Reproduction studies have been performed in rats and rabbits at chlorhexidine gluconate doses up to 300 mg/kg/day and 40 mg/kg/day respectively, and have not revealed evidence of harm to fetus. However, adequate and well-controlled studies in pregnant women have not been done. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers

Nursing Mothers: It is not known whether this drug is excreted in human milk.

Because many drugs are excreted in human milk, caution should be exercised when chlorhexidine gluconate oral rinse is administered to nursing women.

In parturition and lactation studies with rats, no evidence of impaired parturition or of toxic effects to suckling pups was observed when chlorhexidine gluconate was administered to dams at doses that were over 100 times greater than that which would result from a person's ingesting 30 mL (2 capfuls) of chlorhexidine gluconate oral rinse per day.

Pediatric

Pediatric Use: Clinical effectiveness and safety of chlorhexidine gluconate oral rinse have not been established in children under the age of 18.

Carcinogenesis & Mutagenesis & Impairment of Fertility

Carcinogenesis, Mutagenesis, and Impairment of Fertility: In a drinking water study in rats, carcinogenic effects were not observed at doses up to 38 mg/kg/day. Mutagenic effects were not observed in two mammalian in vivo mutagenesis studies with chlorhexidine gluconate. The highest doses of chlorhexidine used in a mouse dominant-lethal assay and a hamster cytogenetics test were 1000 mg/kg/day and 250 mg/kg/day, respectively. No evidence of impaired fertility was observed in rats at doses up to 100 mg/kg/day.

Adverse Reactions

ADVERSE REACTIONS: The most common side effects associated with chlorhexidine gluconate oral rinses are: 1) an increase in staining of teeth and other oral surfaces; 2) an increase in calculus formation; and 3) an alteration in taste perception; see WARNINGS and PRECAUTIONS. Oral irritation and local allergy-type symptoms have been spontaneously reported as side effects associated with use of chlorhexidine gluconate rinse. The following oral mucosal side effects were reported during placebo-controlled adult clinical trials: aphthous ulcer, grossly obvious gingivitis, trauma, ulceration, erythema, desquamation, coated tongue, keratinization, geographic tongue, mucocele, and short frenum. Each occurred at a frequency of less than 1%.

Among post marketing reports, the most frequent reported oral mucosal symptoms associated with chlorhexidine gluconate oral rinse are stomatitis, gingivitis, glossitis, ulcer, dry mouth, hypesthesia, glossal edema, and paresthesia.

Minor irritation and superficial desquamation of the oral mucosa have been noted in patients using chlorhexidine gluconate oral rinse.

There have been cases of parotid gland swelling and inflammation of the salivary glands (sialadenitis) reported in patients using chlorhexidine gluconate oral rinse.

Overdosage

OVERDOSAGE: Ingestion of 1 or 2 ounces of chlorhexidine gluconate oral rinse by a small child (~10 kg body weight) might result in gastric distress, including nausea, or signs of alcohol intoxication. Medical attention should be sought if more than 4 ounces of chlorhexidine gluconate oral rinse is ingested by a small child or if signs of alcohol intoxication develop.

Dosage & Administration

DOSAGE AND ADMINISTRATION: Chlorhexidine gluconate oral rinse therapy should be initiated directly following a dental prophylaxis. Patients using chlorhexidine gluconate oral rinse should be reevaluated and given a thorough prophylaxis at intervals no longer than six months.

Recommended use is twice daily rinsing for 30 seconds, morning and evening after tooth brushing. Usual dosage is 15 mL (marked in cap) of undiluted chlorhexidine gluconate oral rinse. Patients should be instructed to not rinse with water, or other mouthwashes, brush teeth, or eat immediately after using chlorhexidine gluconate oral rinse. Chlorhexidine gluconate oral rinse is not intended for ingestion and should be expectorated after rinsing.

How Supplied

HOW SUPPLIED: Chlorhexidine gluconate oral rinse is supplied as a blue liquid in 1-pint (473 mL) amber plastic bottles with child-resistant dispensing closures, NDC 66467-2560-1.

Storage and Handling

Store at 20°C to 25°C (68°F to 77°F), excursions permitted to 15°C to 30°C (59°F to 86°F) [See USP controlled Room Temperature].

Rx Only

Keep out of reach of children.

To open: Squeeze smooth areas near bottom of cap and turn.

To close: Turn cap until it locks.

What to Expect when using Chlorhexidine Gluconate

WHAT TO EXPECT WHEN USING CHLORHEXIDINE GLUCONATE ORAL RINSE

Your dentist has prescribed chlorhexidine gluconate oral rinse to treat your gingivitis, to help reduce the redness and swelling of your gums, and also to help you control any gum bleeding. Use chlorhexidine gluconate oral rinse regularly, as directed by your dentist, in addition to daily brushing. Spit out after use; chlorhexidine gluconate oral

rinse should not be swallowed.

If you develop allergic symptoms such as skin rash, itch, generalized swelling, breathing difficulties, light headedness, rapid heart rate, upset stomach or diarrhea, seek medical attention immediately. Chlorhexidine gluconate oral rinse should not be used by persons who have a sensitivity to it or to its components.

Chlorhexidine gluconate oral rinse may cause some tooth discoloration, or increase in tartar (calculus) formation, particularly in areas where stain and tartar usually form. It is important to see your dentist for removal of any stain or tartar at least every six months or more frequently if your dentist advises.

- Both stain and tartar can be removed by your dentist or hygienist. Chlorhexidine gluconate oral rinse may cause permanent discoloration of some front-tooth fillings.
- To minimize discoloration, you should brush and floss daily, emphasizing areas which begin to discolor.
- Chlorhexidine gluconate oral rinse may taste bitter to some patients and can affect how foods and beverages taste. This will become less noticeable in most cases with continued use of chlorhexidine gluconate oral rinse.
- To avoid taste interference, rinse with chlorhexidine gluconate oral rinse after meals. Do not rinse with water or other mouthwashes immediately after rinsing with chlorhexidine gluconate oral rinse.

If you have any questions or comments about chlorhexidine gluconate oral rinse, contact your dentist, pharmacist or call toll free at 1-800-361-2862.

Call your health care provider for medical advice about side effects. You may report side effects to FDA at 1-800-332-1088.

Inactive Ingredient

Ingredients: 11.6% alcohol, glycerin, PEG-40 sorbitan diisostearate, flavor, sodium saccharin and FD&C Blue No. 1

Full Label NDC 66467-2560-1

Ingredients: 0.12% chlorhexidine gluconate in a base containing water, 11.6% alcohol, glycerin, PEG-40 sorbitan diisostearate, flavor, sodium saccharin and FD&C Blue No. 1.

To open: Squeeze smooth areas near bottom of cap and turn.

To close: Turn cap until it locks.

What To Expect When Using Chlorhexidine Gluconate Oral Rinse:

Your dentist has prescribed chlorhexidine gluconate oral rinse to treat your gingivitis, to help reduce the redness and swelling of your gums, and also to help

Lift
Here

you control any gum bleeding. Use chlorhexidine gluconate oral rinse regularly, as directed by your dentist, in addition to daily brushing. Spit out after use; chlorhexidine gluconate oral rinse should not be swallowed.

If you develop allergic symptoms such as skin rash, itch, generalized swelling, breathing difficulties, lightheadedness, rapid heart rate, upset stomach or diarrhea, seek medical attention immediately. Chlorhexidine gluconate oral rinse should not be used by persons who have a sensitivity to it or to its components.

Chlorhexidine gluconate oral rinse may cause some tooth discoloration, or increase in tartar (calculus) formation, particularly in areas where stain and tartar usually form. It is important to see your dentist for removal of any stain or tartar at least every six months or more frequently if your dentist advises.

- Both stain and tartar can be removed by your dentist or hygienist.

Chlorhexidine gluconate oral rinse may cause permanent discoloration of some front-tooth fillings.

- To minimize discoloration, you should brush and floss daily, emphasizing areas which begin to discolor.

- Chlorhexidine gluconate oral rinse may taste bitter to some patients and can affect how foods and beverages taste. This will become less noticeable in most cases with continued use of chlorhexidine gluconate oral rinse.

- To avoid taste interference, rinse with chlorhexidine gluconate oral rinse *after* meals. Do not rinse with water or other mouthwashes immediately after rinsing with chlorhexidine gluconate oral rinse.

If you have any questions or comments about chlorhexidine gluconate oral rinse, contact your dentist, pharmacist or call toll free at 1-800-361-2862. Call your health care provider for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

STORE at 20°C to 25°C (68°F to 77°F), excursions permitted to 15°C to 30°C (59°F to 86°F) [See USP controlled Room Temperature].

1 Pint (473 mL)

To reorder call 800-645-2310 or visit darby.com

Distributed by: Darby Dental Supply, LLC, Jericho, NY 11753

1999DAR16BLDLA



6020500

MADE IN THE USA

Rev.06

1999DAR16BLDLA

Ingredients: 0.12% chlorhexidine gluconate in a base containing water, 11.6% alcohol, glycerin, PEG-40 sorbitan diisostearate, flavor, sodium saccharin and FD&C Blue No. 1

To open: Squeeze smooth areas near bottom of cap and turn.

To close: Turn cap until it locks.

What To Expect When Using Chlorhexidine Gluconate Oral Rinse:

Your dentist has prescribed chlorhexidine gluconate oral rinse to treat your gingivitis, to help reduce the redness and swelling of your gums, and also to help you control any gum bleeding. Use chlorhexidine gluconate oral rinse regularly, as directed by your dentist, in addition to daily brushing. Spit out after use; chlorhexidine gluconate oral rinse should not be swallowed.

If you develop allergic symptoms such as skin rash, itch, generalized swelling, breathing difficulties, lightheadedness, rapid heart rate, upset stomach or diarrhea, seek medical attention immediately. Chlorhexidine gluconate oral rinse should not be used by persons who have a sensitivity to it or to its components.

Chlorhexidine gluconate oral rinse may cause some tooth discoloration, or increase in tartar (calculus) formation, particularly in areas where stain and tartar usually form. It is important to see your dentist for removal of any stain or tartar at least every six months or more frequently if your dentist advises.

- Both stain and tartar can be removed by your dentist or hygienist. Chlorhexidine gluconate oral rinse may cause permanent discoloration of some front-tooth fillings.
- To minimize discoloration, you should brush and floss daily, emphasizing areas which begin to discolor.
- Chlorhexidine gluconate oral rinse may taste bitter to some patients and can affect how foods and beverages taste. This will become less noticeable in most cases with continued use of chlorhexidine gluconate oral rinse.
- To avoid taste interference, rinse with chlorhexidine gluconate oral rinse after meals. Do not rinse with water or other mouthwashes immediately after rinsing with chlorhexidine gluconate oral rinse.

If you have any questions or comments about chlorhexidine gluconate oral rinse, contact your dentist, pharmacist or call toll free at 1-800-361-2862. Call your health care provider for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

STORE at 20°C to 25°C (68°F to 77°F), excursions permitted to 15°C to 30°C (59°F to 86°F) [See USP controlled Room Temperature].

NDC 66467-2560-1

CHLORHEXIDINE GLUCONATE

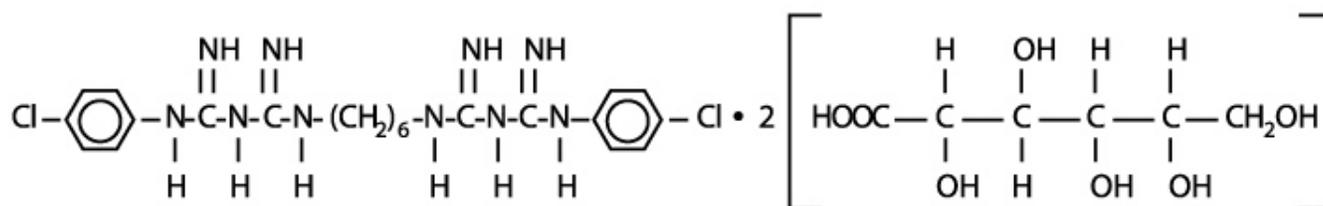
ORAL RINSE, USP

0.12% | Mint

RX Only

DESCRIPTION: Chlorhexidine gluconate oral rinse is an oral rinse containing 0.12% chlorhexidine gluconate (1,11-hexamethylene bis [5-(p-chlorophenyl) biguanide] di-D-gluconate) in a base containing water, 11.6% alcohol, glycerin, PEG-40 sorbitan diisostearate, flavor, sodium saccharin, and FD&C Blue No.1. Chlorhexidine gluconate product is a near-neutral solution (pH range 5-7). Chlorhexidine gluconate is a salt of chlorhexidine and gluconic acid.

Its chemical structure is:



CLINICAL PHARMACOLOGY: Chlorhexidine gluconate oral rinse provides antimicrobial activity during oral rinsing. The clinical significance of chlorhexidine gluconate oral rinse's antimicrobial activities is not clear. Microbiological sampling of plaque has shown a general reduction of counts of certain assayed bacteria, both aerobic and anaerobic, ranging from 54-97% through six months use.

Use of chlorhexidine gluconate oral rinse in a six month clinical study did not result in any significant changes in bacterial resistance, overgrowth of potentially opportunistic organisms or other adverse changes in the oral microbial ecosystem. Three months after chlorhexidine gluconate oral rinse use was discontinued, the number of bacteria in plaque had returned to baseline levels and resistance of plaque bacteria to chlorhexidine gluconate was equal to that at baseline.

Pharmacokinetics: Pharmacokinetic studies with chlorhexidine gluconate oral rinse indicate approximately 30% of the active ingredient, chlorhexidine gluconate, is retained in the oral cavity following rinsing. This retained drug is slowly released in the oral

in the oral cavity following rinsing. This retained drug is slowly released in the oral fluids. Studies conducted on human subjects and animals demonstrate chlorhexidine gluconate is poorly absorbed from the gastrointestinal tract. The mean plasma level of chlorhexidine gluconate reached a peak of 0.206 mcg/g in humans 30 minutes after they ingested a 300 mg dose of the drug. Detectable levels of chlorhexidine gluconate were not present in the plasma of these subjects 12 hours after the compound was administered. Excretion of chlorhexidine gluconate occurred primarily through the feces (~90%). Less than 1% of the chlorhexidine gluconate ingested by these subjects was excreted in the urine.

INDICATION: Chlorhexidine gluconate oral rinse is indicated for use between dental visits as part of professional program for the treatment of gingivitis as characterized by redness and swelling of the gingivae, including gingival bleeding upon probing. Chlorhexidine gluconate oral rinse has not been tested among patients with acute necrotizing ulcerative gingivitis (ANUG). For patients having coexisting gingivitis and periodontitis; see PRECAUTIONS.

CONTRAINDICATIONS: Chlorhexidine gluconate oral rinse should not be used by persons who are known to be hypersensitive to chlorhexidine gluconate or other formula ingredients.

WARNINGS: The effect of chlorhexidine gluconate oral rinse on periodontitis has not been determined. An increase in supragingival calculus was noted in clinical testing in chlorhexidine gluconate oral rinse users compared with control users. It is not known if chlorhexidine gluconate oral rinse use results in an increase in subgingival calculus. Calculus deposits should be removed by a dental prophylaxis at intervals not greater than six months. Anaphylaxis, as well as serious allergic reactions, have been reported during postmarketing use with dental products containing chlorhexidine. SEE CONTRAINDICATIONS.

PRECAUTIONS:

General:

1. For patients having coexisting gingivitis and periodontitis, the presence or absence of gingival inflammation following treatment with chlorhexidine gluconate oral rinse should not be used as a major indicator of underlying periodontitis.

2. Chlorhexidine gluconate oral rinse can cause staining of oral surfaces, such as tooth surfaces, restorations, and the dorsum of the tongue. Not all patients will experience a visually significant increase in tooth staining. In clinical testing, 56% of chlorhexidine gluconate oral rinse users exhibited a measurable increase in facial anterior stain, compared to 35% of control users after six months; 15% of chlorhexidine gluconate oral rinse users developed what was judged to be heavy stain, compared to 1% of control users after six months. Stain will be more pronounced in patients who have heavier accumulations of unremoved plaque. Stain resulting from use of chlorhexidine gluconate oral rinse does not adversely affect health of the gingivae or other oral tissues.

Stain can be removed from most tooth surfaces by conventional professional prophylactic techniques. Additional time may be required to complete the prophylaxis. Discretion should be used when prescribing to patients with anterior facial restorations with rough surfaces or margins. If natural stain cannot be removed from these surfaces by a dental prophylaxis, patients should be excluded from chlorhexidine gluconate oral rinse treatment if permanent

discoloration is unacceptable. Stain in these areas may be difficult to remove by dental prophylaxis and on rare occasions may necessitate replacement of these restorations.

3. Some patients may experience an alteration in taste perception while undergoing treatment with chlorhexidine gluconate oral rinse. Rare instances of permanent taste alteration following chlorhexidine gluconate oral rinse use have been reported via post-marketing product surveillance.

Pregnancy: Teratogenic Effects Pregnancy Category B. Reproduction studies have been performed in rats and rabbits at chlorhexidine gluconate doses up to 300 mg/kg/day and 40 mg/kg/day respectively, and have not revealed evidence of harm to fetus. However, adequate and well-controlled studies in pregnant women have not been done. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when chlorhexidine gluconate oral rinse is administered to nursing women.

In parturition and lactation studies with rats, no evidence of impaired parturition or of toxic effects to suckling pups was observed when chlorhexidine gluconate was administered to dams at doses that were over 100 times greater than that which would result from a person's ingesting 30 mL (2 capfuls) of chlorhexidine gluconate oral rinse per day. 

Pediatric Use: Clinical effectiveness and safety of chlorhexidine gluconate oral rinse have not been established in children under the age of 18.

Carcinogenesis, Mutagenesis, and Impairment of Fertility:

In a drinking water study in rats, carcinogenic effects were not observed at doses up to 38 mg/kg/day. Mutagenic effects were not observed in two mammalian in vivo mutagenesis studies with chlorhexidine gluconate. The highest doses of chlorhexidine used in a mouse dominant-lethal assay and a hamster cytogenetics test were 1000 mg/kg/day and 250 mg/kg/day, respectively. No evidence of impaired fertility was observed in rats at doses up to 100 mg/kg/day.

ADVERSE REACTIONS: The most common side effects associated with chlorhexidine gluconate oral rinses are: 1) an increase in staining of teeth and other oral surfaces; 2) an increase in calculus formation; and 3) an alteration in taste perception; see WARNINGS and PRECAUTIONS. Oral irritation and local allergy-type symptoms have been spontaneously reported as side effects associated with use of chlorhexidine gluconate rinse. The following oral mucosal side effects were reported during placebo-controlled adult clinical trials: aphthous ulcer, grossly obvious gingivitis, trauma, ulceration, erythema, desquamation, coated tongue, keratinization, geographic tongue, mucocele, and short frenum. Each occurred at a frequency of less than 1%.

Among post marketing reports, the most frequent reported oral mucosal symptoms associated with chlorhexidine gluconate oral rinse are stomatitis, gingivitis, glossitis, ulcer, dry mouth, hyposthesia, glossal edema, and

gingivitis, glossitis, ulcer, dry mouth, hypesthesia, glossal edema, and paresthesia.

Minor irritation and superficial desquamation of the oral mucosa have been noted in patients using chlorhexidine gluconate oral rinse.

There have been cases of parotid gland swelling and inflammation of the salivary glands (sialadenitis) reported in patients using chlorhexidine gluconate oral rinse.

OVERDOSAGE: Ingestion of 1 or 2 ounces of chlorhexidine gluconate oral rinse by a small child (~10 kg body weight) might result in gastric distress, including nausea, or signs of alcohol intoxication. Medical attention should be sought if more than 4 ounces of chlorhexidine gluconate oral rinse is ingested by a small child or if signs of alcohol intoxication develop.

DOSAGE AND ADMINISTRATION: Chlorhexidine gluconate oral rinse therapy should be initiated directly following a dental prophylaxis. Patients using chlorhexidine gluconate oral rinse should be reevaluated and given a thorough prophylaxis at intervals no longer than six months. Recommended use is twice daily rinsing for 30 seconds, morning and evening after tooth brushing. Usual dosage is 15 mL (marked in cap) of undiluted chlorhexidine gluconate oral rinse. Patients should be instructed to not rinse with water, or other mouthwashes, brush teeth, or eat immediately after using chlorhexidine gluconate oral rinse. Chlorhexidine gluconate oral rinse is not intended for ingestion and should be expectorated after rinsing.

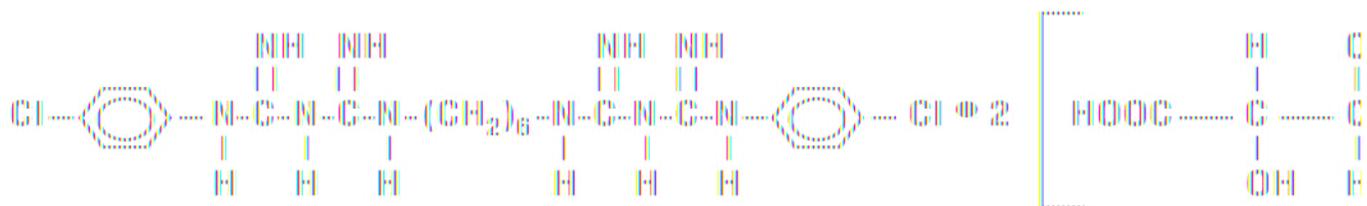
HOW SUPPLIED: Chlorhexidine gluconate oral rinse is supplied as a blue liquid in 1-pint (473 mL) amber plastic bottles with child-resistant dispensing closures, NDC 66467-2560-1.

Store at 20°C to 25°C (68°F to 77°F), excursions permitted to 15°C to 30°C (59°F to 86°F) [See USP controlled Room Temperature].

Revised: July 2019

Full Label NDC 66467-2560-4

DESCRIPTION: 0.12% chlorhexidine gluconate (CHG) is an oral rinse containing (1, bis [5-(p-chlorophenyl) biguanide] di-D-gluconate) in a base containing water, 11.6% PEG-40 sorbitan diisostearate, flavor, sodium saccharin, and FD&C Blue No. 1. Chlorhexidine gluconate is a salt of gluconic acid. Its chemical structure is:



CLINICAL PHARMACOLOGY: Chlorhexidine gluconate oral rinse provides antimicrobial activity during oral rinsing. The clinical significance of chlorhexidine gluconate oral rinse's antimicrobial activities is not clear. Microbiological sampling of plaque has shown a general reduction of counts of certain assayed bacteria, both aerobic and anaerobic, ranging from 54-97% through six months use.

Use of chlorhexidine gluconate oral rinse in a six month clinical study did not result in any significant

changes in bacterial resistance. After chlorhexidine gluconate oral rinse was discontinued, the number of plaque bacteria had returned to baseline level equal to that at baseline. Chlorhexidine gluconate, is retained in the oral cavity following rinsing. This retained drug is slowly released into the oral fluids. Studies conducted on human subjects and animals demonstrate chlorhexidine gluconate is poorly absorbed from the gastrointestinal tract. The mean plasma level of chlorhexidine gluconate reached a peak of 0.206 mcg/g in humans 30 minutes after they ingested a 300 mg dose of the drug. Detectable levels of chlorhexidine gluconate were not present in the plasma of these subjects 12 hours after the compound was administered. Excretion of chlorhexidine gluconate occurred primarily through the feces (~90%). Less than 1% of the chlorhexidine gluconate ingested by these subjects was excreted in the urine.

INDICATION: Chlorhexidine gluconate oral rinse is indicated for use between dental visits as part of a professional program for the treatment of gingivitis as characterized by redness and swelling of the gingivae, including gingival bleeding upon probing. Chlorhexidine gluconate oral rinse has not been

tested among patients with ulcerative gingivitis (ANUG) coexisting gingivitis and periodontitis.

Pharmacokinetics: Pharmacokinetics of chlorhexidine gluconate oral rinse in humans: approximately 30% of the dose is retained in the oral cavity.

PRECAUTIONS: Chlorhexidine gluconate oral rinse should not be used in patients with known hypersensitivity to chlorhexidine gluconate or other formula ingredients.

CONTRAINDICATIONS: Chlorhexidine gluconate oral rinse should not be used in patients with known hypersensitivity to chlorhexidine gluconate or other formula ingredients.

WARNINGS: The effect of chlorhexidine gluconate oral rinse on periodontitis has not been studied. An increase in supragingival plaque was reported during clinical testing in chlorhexidine gluconate oral rinse users compared with control groups. An increase in subgingival calculus should be removed by a dentist at regular intervals not greater than six weeks. Serious allergic reactions have been reported during postmarketing surveillance of chlorhexidine gluconate oral rinse. **CONTRAINDICATIONS:** Chlorhexidine gluconate oral rinse should not be used in patients with known hypersensitivity to chlorhexidine gluconate or other formula ingredients.

PRECAUTIONS:

General:

1. For patients having coexisting gingivitis and periodontitis, the presence or absence of gingival inflammation following treatment with chlorhexidine gluconate oral rinse should not be used as a major indicator of underlying periodontitis.
2. Chlorhexidine gluconate oral rinse can cause staining of oral surfaces, such as tooth surfaces, restorations, and the dorsum of the tongue. Not all patients will experience a visually significant increase in toothstaining. In clinical testing, 56% of chlorhexidine gluconate oral rinse users exhibited a measurable increase in facial anterior stain, compared to 35% of control users after six months; 15% of chlorhexidine gluconate oral rinse users developed what was judged to be heavy stain, compared to 1% of control users after six months. Stain will be more pronounced in patients who have heavier accumulations of unremoved plaque. Stain resulting from use of chlorhexidine gluconate oral rinse does not

Pregnancy: Teratogenic Effects Pregnancy Category B Reproduction studies have been performed in rats and rabbits at chlorhexidine gluconate doses up to 300 mg/kg/day and 40 mg/kg/day respectively, and have not revealed evidence of harm to fetus. However, adequate and well-controlled studies in pregnant women have not been done. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when chlorhexidine gluconate oral rinse is administered to nursing women.

In parturition and lactation studies with rats, no evidence of impaired parturition or of toxic effects to suckling pups was observed when chlorhexidine gluconate was administered to dams at doses that were over 100 times greater than that which would

adversely affect health of oral tissues. Stain can be removed from tooth surfaces by conventional prophylactic techniques. Chlorhexidine gluconate oral rinse should be used when preparing anterior facial restorations or margins. If natural stain is present on these surfaces by the time of placement, patients should be excluded from chlorhexidine gluconate oral rinse treatment. Discoloration of restorative areas may be difficult to remove by prophylaxis and on rare occasions may necessitate replacement.

3. Some patients may experience altered taste perception while using chlorhexidine gluconate oral rinse. In some instances of permanent taste alteration reported via post-market surveillance.

result from a person's ingestion of chlorhexidine gluconate oral rinse.

Pediatric Use: Clinical efficacy of chlorhexidine gluconate oral rinse has not been established in children under 12 years of age.

Carcinogenesis, Mutagenesis, and Impairment of Fertility: In rats, carcinogenic effect was observed at doses up to 38 mg/kg/day. No carcinogenic effect was observed in two mammary gland mutagenesis studies with chlorhexidine gluconate. The highest doses of chlorhexidine gluconate in dominant-lethal assay and test were 1000 mg/kg/day and 38 mg/kg/day respectively. No evidence of impaired fertility was observed in rats at doses up to 38 mg/kg/day.

ADVERSE REACTIONS: The most common effects associated with chlorhexidine gluconate oral rinses are: 1) an increase in staining of other oral surfaces; 2) an increase in taste perception; 3) an increase in taste perception; 4) an increase in taste perception.

formation; and 3) an alteration in taste perception; see WARNINGS and PRECAUTIONS. Oral irritation and local allergy-type symptoms have been spontaneously reported as side effects associated with the use of chlorhexidine gluconate rinse.

The following oral mucosal side effects were reported during placebo-controlled adult clinical trials: aphthous ulcer, grossly obvious gingivitis, trauma, ulceration, erythema, desquamation, coated tongue, keratinization, geographic tongue, mucocele, and short frenum. Each occurred at a frequency of less than 1%.

Among post marketing reports, the most frequently reported oral mucosal symptoms associated with chlorhexidine gluconate oral rinse are stomatitis, gingivitis, glossitis, ulcer, dry mouth, hypesthesia, glossal edema, and paresthesia.

Minor irritation and superficial desquamation of the oral mucosa have been noted in patients using chlorhexidine gluconate oral rinse.

Usual dosage is 15 mL (1 tablespoon) of undiluted chlorhexidine gluconate oral rinse. Patients should be instructed to not rinse with water, or other mouthwashes, brush teeth, or eat immediately after using chlorhexidine gluconate oral rinse. Chlorhexidine gluconate oral rinse is not intended for ingestion and should be expectorated after rinsing.

HOW SUPPLIED: Chlorhexidine gluconate oral rinse is supplied as a blue liquid in 4-ounce (118 mL) and 1-pint (473 mL) amber plastic bottles with child-resistant dispensing closures.

NDC 66467-2560-4.

STORE at 20°C to 25°C (68°F to 77°F), excursions permitted to 15°C to 30°C (59°F to 86°F) [See USP controlled Room Temperature].

Rx Only

Revised: September 2018

There have been cases of inflammation of the salivary gland reported in patients using chlorhexidine gluconate oral rinse.

OVERDOSAGE: Ingestion of chlorhexidine gluconate oral rinse (~10 kg body weight) might cause distress, including nausea, vomiting, and intoxication. Medical attention should be sought if more than 4 ounces of chlorhexidine gluconate oral rinse is ingested by a small child. Alcohol intoxication develops if the patient has been drinking alcohol.

DOSE AND ADMINISTRATION: Chlorhexidine gluconate oral rinse therapy should be initiated directly following a dental procedure. The patient should be reevaluated and given a therapeutic rinse at intervals no longer than six hours.

Recommended use is twice daily for 30 seconds, morning and evening.

Distributed Exclusively By:

WHAT TO EXPECT WHEN USING CHLORHEXIDINE GLUCONATE ORAL RINSE

Your dentist has prescribed chlorhexidine gluconate oral rinse to treat your gingivitis, to help reduce the redness and swelling of your gums, and also to help you control any gum bleeding. Use chlorhexidine gluconate oral rinse regularly, as directed by your dentist, in addition to daily brushing. Spit out after use, chlorhexidine gluconate oral rinse should not be swallowed.

If you develop allergic symptoms such as skin rash, itch, generalized swelling, breathing difficulties, light headedness, rapid heart rate, upset stomach or diarrhea, seek medical attention immediately.

Chlorhexidine gluconate oral rinse should not be used by persons who have a sensitivity to it or its components.

Chlorhexidine gluconate oral rinse may cause some tooth discoloration, or increase in tartar (calculus) formation, particularly in areas where stain and tartar usually form. It is important to see your dentist for removal of any stain or tartar at least every six months or more frequently if your dentist advises.

- Both stain and tartar can be removed by your dentist or

hygienist. Chlorhexidine gluconate oral rinse may cause permanent discoloration of:

- To minimize discoloration, use chlorhexidine gluconate oral rinse daily, emphasizing areas with the most discoloration.
- Chlorhexidine gluconate oral rinse may cause discoloration in some patients and can affect taste. This will become less noticeable with continued use of chlorhexidine gluconate oral rinse.
- To avoid taste interference, do not use chlorhexidine gluconate oral rinse after meals or other mouthwashes immediately before or after chlorhexidine gluconate oral rinse.

If you have any questions or concerns about chlorhexidine gluconate oral rinse, contact your dentist or call toll free at 1-800-361-2862.

Call your health care provider if you experience any side effects. You may report side effects to the FDA at 1-800-FDA-1088.

STORE at 20°C to 25°C (68°F to 77°F); excursions permitted to 15°C to 30°C (59°F to 86°F) [see USP Controlled Room Temperature].

Principal Panel NDC 66467-2560-4



NDC#: 66467-2560-4



6020499

Chlorhexidine Gluconate Oral Rinse, USP 0.12% | Mint

DIRECTIONS FOR USE: Swish 1 tablespoon (15 mL) in mouth undiluted for 30 seconds, then spit out. Use after breakfast and before bedtime. Or, use as prescribed. **NOTE:** To minimize medicinal taste, do not rinse with water immediately after use.

Rx Only

KEEP OUT OF REACH OF CHILDREN

Distributed by: Darby Dental Supply, LLC,
Jericho, NY 11753
To reorder: 800-645-2310 or darby.com

Rev. 01

4 oz. (118 mL)

INGREDIENTS: 0.12% chlorhexidine gluconate in a base containing water, 11.6% alcohol, glycerin, PEG-40 sorbitan diostearate, flavor,

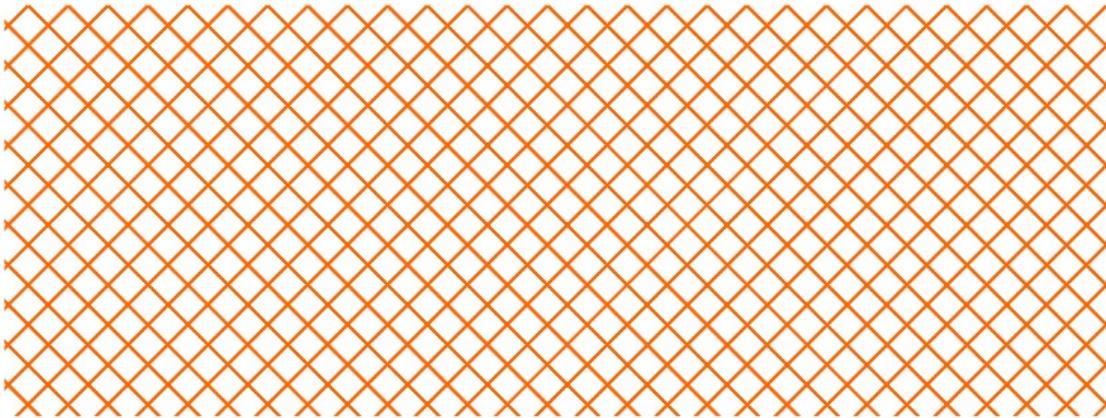
Main Panel NDC 66467-2560-1



CHLORHEXIDINE GLUCONATE

ORAL RINSE, USP

0.12% | Mint



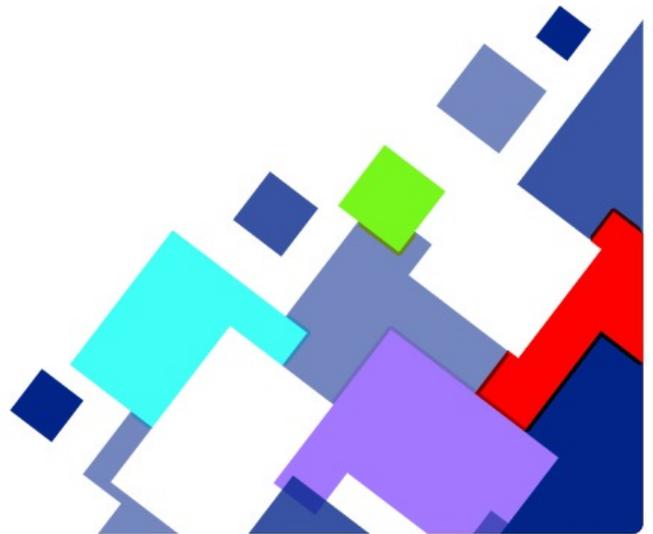
Dispense in bottle as provided or amber glass

KEEP OUT OF REACH OF CHILDREN

FOR PROFESSIONAL USE ONLY.

DIRECTIONS FOR USE: Fill cap to the "fill line" (15 mL). Swish in mouth undiluted for 30 seconds, then **spit out**. Use after breakfast and before bedtime. Or, use as prescribed. **NOTE:** To minimize medicinal taste, do not rinse with water immediately after use.

Rx Only
1 Pint (473 mL)



CHLORHEXIDINE GLUCONATE

chlorhexidine gluconate rinse

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:66467-2560
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
CHLORHEXIDINE GLUCONATE (UNII: MOR84MUD8E) (CHLORHEXIDINE - UNII:R4KO0DY52L)	CHLORHEXIDINE GLUCONATE	1.2 mg in 1 mL

Inactive Ingredients

Ingredient Name	Strength
GLYCERIN (UNII: PDC6A3C0OX)	
SACCHARIN SODIUM (UNII: SB8ZUX40TY)	
FD&C BLUE NO. 1 (UNII: H3R47K3TBD)	
WATER (UNII: 059QF0KO0R)	
ALCOHOL (UNII: 3K9958V90M)	
PEG-40 SORBITAN DIISOSTEARATE (UNII: JL4CCU7I1G)	

Product Characteristics

Color	blue	Score	
Shape		Size	
Flavor	MINT	Imprint Code	
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:66467-2560-1	473 mL in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product	07/02/2006	
2	NDC:66467-2560-4	118 mL in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product	08/04/2017	

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA077789	07/02/2006	

Labeler - Darby Dental Supply, LLC (825137818)

Establishment

Name	Address	ID/FEI	Business Operations
Xttrium		007470579	MANUFACTURE(66467-2560)

