CHOLESTYRAMINE- cholestyramine powder, for suspension  
Par Pharmaceutical, Inc.  

-----------  

Cholestyramine for Oral Suspension  

DESCRIPTION  

Cholestyramine for Oral Suspension USP, the chloride salt of a basic anion exchange resin, a cholesterol lowering agent, is intended for oral administration. Cholestyramine resin is quite hydrophilic, but insoluble in water. The cholestyramine resin in Cholestyramine is not absorbed from the digestive tract. Four grams of anhydrous cholestyramine resin is contained in 9 grams of Cholestyramine for Oral Suspension USP. Four grams of anhydrous cholestyramine resin is contained in 5 grams of Cholestyramine for Oral Suspension USP, Light. It is represented by the following structural formula:  

![Structural formula](image)

Cholestyramine for Oral Suspension USP contains the following inactive ingredients: acacia, citric acid, D&C Yellow No. 10, FD&C Yellow No. 6, flavor (natural and artificial Orange), polysorbate 80, propylene glycol alginate and sucrose. Cholestyramine for Oral Suspension USP, Light contains the following inactive ingredients: aspartame, citric acid, colloidal silicon dioxide, D&C Yellow No. 10, FD&C Red No. 40, flavor (natural and artificial Orange), maltodextrin, propylene glycol alginate and xanthan gum.

ACTIONS/CLINICAL PHARMACOLOGY  

Cholesterol is probably the sole precursor of bile acids. During normal digestion, bile acids are secreted into the intestines. A major portion of the bile acids is absorbed from the intestinal tract and returned to the liver via the enterohepatic circulation. Only very small amounts of bile acids are found in normal serum.

Cholestyramine resin adsorbs and combines with the bile acids in the intestine to form an insoluble complex which is excreted in the feces. This results in a partial removal of bile acids from the enterohepatic circulation by preventing their absorption.

The increased fecal loss of bile acids due to Cholestyramine administration leads to an increased oxidation of cholesterol to bile acids, a decrease in beta lipoprotein or low density lipoprotein plasma levels and a decrease in serum cholesterol levels. Although in man, Cholestyramine produces an increase in hepatic synthesis of cholesterol, plasma cholesterol levels fall.

In patients with partial biliary obstruction, the reduction of serum bile acid levels by Cholestyramine reduces excess bile acids deposited in the dermal tissue with resultant decrease in pruritus.
Clinical Studies

In a large, placebo-controlled, multi-clinic study, LRC-CPPT¹, hypercholesterolemic subjects treated with Cholestyramine had mean reductions in total and low-density lipoprotein cholesterol (LDL-C) which exceeded those for diet and placebo treatment by 7.2% and 10.4%, respectively. Over the seven-year study period the Cholestyramine group experienced a 19% reduction (relative to the incidence in the placebo group) in the combined rate of coronary heart disease death plus non-fatal myocardial infarction (cumulative incidences of 7% Cholestyramine and 8.6% placebo). The subjects included in the study were men aged 35-59 with serum cholesterol levels above 265 mg/dL and no previous history of heart disease. It is not clear to what extent these findings can be extrapolated to females and other segments of the hypercholesterolemic population. (See also PRECAUTIONS: Carcinogenesis, Mutagenesis, Impairment of Fertility.)

Two controlled clinical trials have examined the effects of Cholestyramine monotherapy upon coronary atherosclerotic lesions using coronary arteriography. In the NHLBI Type II Coronary Intervention Trial², 116 patients (80% male) with coronary artery disease (CAD) documented by arteriography were randomized to Cholestyramine or placebo for five years of treatment. Final study arteriography revealed progression of coronary artery disease in 49% of placebo patients compared to 32% of the Cholestyramine group (p<0.05).

In the St. Thomas Atherosclerosis Regression Study (STARS)³, 90 hypercholesteroleic men with CAD were randomized to three blinded treatments: usual care, lipid-lowering diet, and lipid-lowering diet plus Cholestyramine. After 36 months, follow-up coronary arteriography revealed progression of disease in 46% of usual care patients, 15% of patients on lipid-lowering diet and 12% of those receiving diet plus Cholestyramine (p<0.02). The mean absolute width of coronary segments decreased in the usual care group, increased slightly (0.003mm) in the diet group and increased by 0.103mm in the diet plus Cholestyramine group (p<0.05). Thus in these randomized controlled clinical trials using coronary arteriography, Cholestyramine monotherapy has been demonstrated to slow progression²,³ and promote regression³ of atherosclerotic lesions in the coronary arteries of patients with coronary artery disease.

The effect of intensive lipid-lowering therapy on coronary atherosclerosis has been assessed by arteriography in hyperlipidemic patients. In these randomized, controlled clinical trials, patients were treated for two to four years by either conventional measures (diet, placebo, or in some cases low dose resin), or intensive combination therapy using diet plus colestipol (an anion exchange resin with a mechanism of action and an effect on serum lipids similar to that of Cholestyramine for Oral Suspension USP and Cholestyramine for Oral Suspension USP, Light) plus either nicotinic acid or lovastatin. When compared to conventional measures, intensive lipid-lowering combination therapy significantly reduced the frequency of progression and increased the frequency of regression of coronary atherosclerotic lesions in patients with or at risk for coronary artery disease.

INDICATIONS AND USAGE

1) Cholestyramine for Oral Suspension USP is indicated as adjunctive therapy to diet for the reduction of elevated serum cholesterol in patients with primary
hypercholesterolemia (elevated low density lipoprotein [LDL] cholesterol) who do not
respond adequately to diet. Cholestyramine may be useful to lower LDL cholesterol in
patients who also have hypertriglyceridemia, but it is not indicated where
hypertriglyceridemia is the abnormality of most concern.

Therapy with lipid-altering agents should be a component of multiple risk factor
intervention in those individuals at significantly increased risk for atherosclerotic vascular
disease due to hypercholesterolemia. Treatment should begin and continue with dietary
therapy specific for the type of hyperlipoproteinemia determined prior to initiation of
drug therapy. Excess body weight may be an important factor and caloric restriction for
weight normalization should be addressed prior to drug therapy in the overweight.

Prior to initiating therapy with Cholestyramine, secondary causes of
hypercholesterolemia (e.g., poorly controlled diabetes mellitus, hypothyroidism,
nephrotic syndrome, dysproteinemias, obstructive liver disease, other drug therapy,
alcoholism), should be excluded, and a lipid profile performed to assess Total
cholesterol, HDL-C, and triglycerides (TG). For individuals with TG less than 400 mg/dL
(<4.5 mmol/L), LDL-C can be estimated using the following equation:

\[ \text{LDL-C} = \text{Total cholesterol} - \left[ \frac{\text{TG}}{5} + \text{HDL-C} \right] \]

For TG levels >400 mg/dL, this equation is less accurate and LDL-C concentrations
should be determined by ultracentrifugation. In hypertriglyceridemic patients, LDL-C may
be low or normal despite elevated Total-C. In such cases Cholestyramine may not be
indicated.

Serum cholesterol and triglyceride levels should be determined periodically based on
NCEP guidelines to confirm initial and adequate long-term response. A favorable trend in
cholesterol reduction should occur during the first month of Cholestyramine therapy.
The therapy should be continued to sustain cholesterol reduction. If adequate
cholesterol reduction is not attained, increasing the dosage of Cholestyramine or adding
other lipid-lowering agents in combination with Cholestyramine should be considered.

Since the goal of treatment is to lower LDL-C, the NCEP ⁴ recommends that LDL-C levels
be used to initiate and assess treatment response. If LDL-C levels are not available then
Total-C alone may be used to monitor long-term therapy. A lipoprotein analysis (including
LDL-C determination) should be carried out once a year. The NCEP treatment guidelines
are summarized below.

<table>
<thead>
<tr>
<th>Definite Atherosclerotic Disease*</th>
<th>Two or More Other Risk Factors**</th>
<th>Initiation Level</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO</td>
<td>NO</td>
<td>≥190 (≥4.9)</td>
<td>&lt;160 (&lt;4.1)</td>
</tr>
<tr>
<td>NO</td>
<td>YES</td>
<td>≥160 (≥4.1)</td>
<td>&lt;130 (&lt;3.4)</td>
</tr>
<tr>
<td>YES</td>
<td>YES or NO</td>
<td>≥130 (≥3.4)</td>
<td>≤100 (≤2.6)</td>
</tr>
</tbody>
</table>

*Coronary heart disease or peripheral vascular disease (including symptomatic carotid
Other risk factors for coronary heart disease (CHD) include: age (males ≥45 years; females ≥55 years or premature menopause without estrogen replacement therapy); family history of premature CHD; current cigarette smoking; hypertension; confirmed HDL-C <35 mg/dL (<0.91 mmol/L); and diabetes mellitus. Subtract one risk factor if HDL-C is ≥60 mg/dL (≥1.6 mmol/L).

Cholestyramine monotherapy has been demonstrated to retard the rate of progression and increase the rate of regression of coronary atherosclerosis.

2) Cholestyramine for oral suspension is indicated for the relief of pruritus associated with partial biliary obstruction. Cholestyramine for oral suspension has been shown to have a variable effect on serum cholesterol in these patients. Patients with primary biliary cirrhosis may exhibit an elevated cholesterol as part of their disease.

**CONTRAINDICATIONS**

Cholestyramine for oral suspension is contraindicated in patients with complete biliary obstruction where bile is not secreted into the intestine and in those individuals who have shown hypersensitivity to any of its components.

**WARNINGS**

**PHENYLKETONURICS:** CHOLESTYRAMINE for ORAL SUSPENSION USP, LIGHT CONTAINS 14.0 mg PHENYLALANINE PER 5 GRAM DOSE.

**PRECAUTIONS**

**General**

Chronic use of cholestyramine resin may be associated with increased bleeding tendency due to hypoprothrombinemia associated with Vitamin K deficiency. This will usually respond promptly to parenteral Vitamin K1 and recurrences can be prevented by oral administration of Vitamin K1. Reduction of serum or red cell folate has been reported over long term administration of cholestyramine resin. Supplementation with folic acid should be considered in these cases.

There is a possibility that prolonged use of cholestyramine resin, since it is a chloride form of anion exchange resin, may produce hyperchloremic acidosis. This would especially be true in younger and smaller patients where the relative dosage may be higher. Caution should also be exercised in patients with renal insufficiency or volume depletion, and in patients receiving concomitant spironolactone.

Cholestyramine resin may produce or worsen pre-existing constipation. The dosage should be increased gradually in patients to minimize the risk of developing fecal impaction. In patients with pre-existing constipation, the starting dose should be 1 packet or 1 scoop once daily for 5 to 7 days, increasing to twice daily with monitoring of constipation and of serum lipoproteins, at least twice, 4 to 6 weeks apart. Increased fluid intake and fiber intake should be encouraged to alleviate constipation and a stool softener may occasionally be indicated. If the initial dose is well tolerated, the dose may
be increased as needed by one dose/day (at monthly intervals) with periodic monitoring of serum lipoproteins. If constipation worsens or the desired therapeutic response is not achieved at one to six doses/day, combination therapy or alternate therapy should be considered. Particular effort should be made to avoid constipation in patients with symptomatic coronary artery disease. Constipation associated with cholestyramine resin may aggravate hemorrhoids.

**Information for Patients**

Inform your physician if you are pregnant or plan to become pregnant or are breastfeeding. Drink plenty of fluids and mix each 9 gram dose of Cholestyramine for Oral Suspension USP in at least 2 to 6 ounces of fluid. Mix each 5 gram dose of Cholestyramine for Oral Suspension USP, Light in at least 2 to 6 ounces of fluid before taking. Sipping or holding the resin suspension in the mouth for prolonged periods may lead to changes in the surface of the teeth resulting in discoloration, erosion of enamel or decay; good oral hygiene should be maintained.

**Laboratory Tests**

Serum cholesterol levels should be determined frequently during the first few months of therapy and periodically thereafter. Serum triglyceride levels should be measured periodically to detect whether significant changes have occurred.

The LRC-CPPT showed a dose-related increase in serum triglycerides of 10.7%-17.1% in the cholestyramine-treated group, compared with an increase of 7.9%-11.7% in the placebo group. Based on the mean values and adjusting for the placebo group, the cholestyramine-treated group showed an increase of 5% over pre-entry levels the first year of the study and an increase of 4.3% the seventh year.

**Drug Interactions**

Cholestyramine for Oral Suspension USP may delay or reduce the absorption of concomitant oral medication such as phenylbutazone, warfarin, thiazide diuretics (acidic), or propranolol (basic), as well as tetracycline, penicillin G, phenobarbital, thyroid and thyroxine preparations, estrogens and progestins, and digitalis. Interference with the absorption of oral phosphate supplements has been observed with another positively-charged bile acid sequestrant. Cholestyramine may interfere with the pharmacokinetics of drugs that undergo entero-hepatic circulation. The discontinuance of Cholestyramine could pose a hazard to health if a potentially toxic drug such as digitalis has been titrated to a maintenance level while the patient was taking Cholestyramine.

Because cholestyramine binds bile acids, Cholestyramine may interfere with normal fat digestion and absorption and thus may prevent absorption of fat-soluble vitamins such as A, D, E and K. When Cholestyramine is given for long periods of time, concomitant supplementation with water-miscible (or parenteral) forms of fat-soluble vitamins should be considered.

**SINCE CHOLESTYRAMINE MAY BIND OTHER DRUGS GIVEN CONCURRENTLY, IT IS RECOMMENDED THAT PATIENTS TAKE OTHER DRUGS AT LEAST ONE HOUR BEFORE OR 4 TO 6 HOURS AFTER CHOLESTYRAMINE (OR AT AS GREAT AN INTERVAL AS POSSIBLE) TO AVOID IMPEDING THEIR ABSORPTION.**
Carcinogenesis, Mutagenesis, Impairment of Fertility

In studies conducted in rats in which cholestyramine resin was used as a tool to investigate the role of various intestinal factors, such as fat, bile salts and microbial flora, in the development of intestinal tumors induced by potent carcinogens, the incidence of such tumors was observed to be greater in cholestyramine resin-treated rats than in control rats.

The relevance of this laboratory observation from studies in rats to the clinical use of Cholestyramine is not known. In the LRC-CPPT study referred to above, the total incidence of fatal and nonfatal neoplasms was similar in both treatment groups. When the many different categories of tumors are examined, various alimentary system cancers were somewhat more prevalent in the cholestyramine group. The small numbers and the multiple categories prevent conclusions from being drawn. However, in view of the fact that cholestyramine resin is confined to the GI tract and not absorbed, and in light of the animal experiments referred to above, a six-year post-trial follow-up of the LRC-CPPT patient population has been completed (a total of 13.4 years of in-trial plus post-trial follow-up) and revealed no significant difference in the incidence of cause-specific mortality or cancer morbidity between cholestyramine and placebo treated patients.

Pregnancy

Pregnancy Category C

There are no adequate and well controlled studies in pregnant women. The use of Cholestyramine in pregnancy or lactation or by women of childbearing age requires that the potential benefits of drug therapy be weighed against the possible hazards to the mother and child. Cholestyramine is not absorbed systemically, however, it is known to interfere with absorption of fat-soluble vitamins; accordingly, regular prenatal supplementation may not be adequate (see PRECAUTIONS: Drug Interactions).

Nursing Mothers

Caution should be exercised when Cholestyramine is administered to a nursing mother. The possible lack of proper vitamin absorption described in the “Pregnancy” section may have an effect on nursing infants.

Pediatric Use

Although an optimal dosage schedule has not been established, standard texts (6,7) list a usual pediatric dose of 240 mg/kg/day of anhydrous cholestyramine resin in two to three divided doses, normally not to exceed 8 gm/day with dose titration based on response and tolerance.

In calculating pediatric dosages, 44.4 mg of anhydrous cholestyramine resin are contained in 100 mg of Cholestyramine for Oral Suspension USP and 80 mg of anhydrous cholestyramine resin are contained in 100 mg of Cholestyramine for Oral Suspension USP, Light.

The effects of long-term administration, as well as its effect in maintaining lowered cholesterol levels in pediatric patients, are unknown. (Also see ADVERSE REACTIONS.)
ADVERSE REACTIONS

The most common adverse reaction is constipation. When used as a cholesterol-lowering agent predisposing factors for most complaints of constipation are high dose and increased age (more than 60 years old). Most instances of constipation are mild, transient, and controlled with conventional therapy. Some patients require a temporary decrease in dosage or discontinuation of therapy.

Less Frequent Adverse Reactions: Abdominal discomfort and/or pain, flatulence, nausea, vomiting, diarrhea, eructation, anorexia, and steatorrhea, bleeding tendencies due to hypoprothrombinemia (Vitamin K deficiency) as well as Vitamin A (one case of night blindness reported) and D deficiencies, hyperchloremic acidosis in children, osteoporosis, rash and irritation of the skin, tongue and perianal area. Rare reports of intestinal obstruction, including two deaths, have been reported in pediatric patients.

Occasional calcified material has been observed in the biliary tree, including calcification of the gallbladder, in patients to whom cholestyramine resin has been given. However, this may be a manifestation of the liver disease and not drug related.

One patient experienced biliary colic on each of three occasions on which he took cholestyramine resin. One patient diagnosed as acute abdominal symptom complex was found to have a “pasty mass” in the transverse colon on x-ray.

Other events (not necessarily drug related) reported in patients taking cholestyramine resin include:

Gastrointestinal—GI-rectal bleeding, black stools, hemorrhoidal bleeding, bleeding from known duodenal ulcer, dysphagia, hiccups, ulcer attack, sour taste, pancreatitis, rectal pain, diverticulitis.

Laboratory test changes—Liver function abnormalities.

Hematologic—Prolonged prothrombin time, ecchymosis, anemia.

Hypersensitivity—Urticaria, asthma, wheezing, shortness of breath.

Musculoskeletal—Backache, muscle and joint pains, arthritis.

Neurologic—Headache, anxiety, vertigo, dizziness, fatigue, tinnitus, syncope, drowsiness, femoral nerve pain, paresthesia.

Eye—Uveitis.

Renal—Hematuria, dysuria, burnt odor to urine, diuresis.

Miscellaneous—Weight loss, weight gain, increased libido, swollen glands, edema, dental bleeding, dental caries, erosion of tooth enamel, tooth discoloration.

OVERDOSAGE

Overdosage with Cholestyramine has been reported in a patient taking 150% of the maximum recommended daily dosage for a period of several weeks. No ill effects were reported. Should an overdosage occur, the chief potential harm would be obstruction of the gastrointestinal tract. The location of such potential obstruction, the degree of obstruction, and the presence or absence of normal gut motility would determine treatment.
**DOSAGE AND ADMINISTRATION**

The recommended starting adult dose for all cholestyramine for oral suspension powdered products (Cholestyramine for Oral Suspension USP and Cholestyramine for Oral Suspension USP, Light) is one packet or one level scoopful once or twice a day. The recommended maintenance dose for all cholestyramine for oral suspension powdered products is 2 to 4 packets or scoopfuls daily (8-16 grams anhydrous cholestyramine resin) divided into two doses. Four grams of anhydrous cholestyramine resin is contained in each measured dose of Cholestyramine as follows:

<table>
<thead>
<tr>
<th>Product Formula</th>
<th>Amount of Water or other Non-Carbonated Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cholestyramine for Oral Suspension USP</td>
<td>9 grams</td>
</tr>
<tr>
<td>Cholestyramine for Oral Suspension USP, Light</td>
<td>5 grams</td>
</tr>
</tbody>
</table>

It is recommended that increases in dose be gradual with periodic assessment of lipid/lipoprotein levels at intervals of not less than 4 weeks. The maximum recommended daily dose is six packets or scoopfuls of cholestyramine for oral suspension (24 grams of anhydrous cholestyramine resin). The suggested time of administration is at mealtime but may be modified to avoid interference with absorption of other medications. Although the recommended dosing schedule is twice daily, cholestyramine for oral suspension may be administered in 1 to 6 doses per day.

**Cholestyramine should not be taken in its dry form. Always mix Cholestyramine with water or other fluids before ingesting. See Preparation Instructions.**

**Concomitant Therapy**

Preliminary evidence suggests that the lipid-lowering effects of Cholestyramine on total and LDL-cholesterol are enhanced when combined with a HMG-CoA reductase inhibitor, e.g., pravastatin, lovastatin, simvastatin, and fluvastatin. Additive effects on LDL-cholesterol are also seen with combined nicotinic acid/Cholestyramine therapy. See the **Drug Interactions** subsection of the **PRECAUTIONS** section for recommendations on administering concomitant therapy.

**PREPARATION**

The color of Cholestyramine may vary somewhat from batch to batch but this variation does not affect the performance of the product. Place the contents of one single-dose packet or one level scoopful of Cholestyramine in a glass or cup. Add an amount of water or other non-carbonated beverage of your choice depending on the product being used:

<table>
<thead>
<tr>
<th>Product Formula</th>
<th>Amount of Water or other Non-Carbonated Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cholestyramine for Oral Suspension USP</td>
<td>2-6 ounces per dose</td>
</tr>
</tbody>
</table>
Cholestyramine for Oral Suspension USP, Light

2-6 ounces per dose

Stir to a uniform consistency and drink.

Cholestyramine may also be mixed with highly fluid soups or pulpy fruits with a high moisture content such as applesauce or crushed pineapple.

**HOW SUPPLIED**

Cholestyramine for Oral Suspension USP is a yellow colored orange flavored powder available in cans containing 378 grams and in cartons of sixty 9 gram packets. Four grams of anhydrous cholestyramine resin are contained in 9 grams of Cholestyramine for Oral Suspension USP. The 378 g can includes a 15 cc scoop. The scoop is not interchangeable with scoops from other products.

<table>
<thead>
<tr>
<th>NDC 49884-465-66</th>
<th>Can, 378 g</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDC 49884-465-65</td>
<td>Carton of 60, 9 g packets</td>
</tr>
</tbody>
</table>

*Cholestyramine for Oral Suspension USP, Light is a cream to pale yellow colored orange flavored powder available in cans containing 210 grams and in cartons of sixty 5 gram packets. Four grams of anhydrous cholestyramine resin are contained in 5 grams of Cholestyramine for Oral Suspension USP, Light. The 210 g can includes a 9 cc scoop. The scoop is not interchangeable with scoops from other products.

<table>
<thead>
<tr>
<th>NDC 49884-466-67</th>
<th>Can, 210 g</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDC 49884-466-65</td>
<td>Carton of 60, 5 g packets</td>
</tr>
</tbody>
</table>

**Storage**

Store between 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature]. Excursions permitted to 15° to 30° C (59° to 86°F).

**REFERENCES**


Rx Only
Dist. by:
Par Pharmaceutical
Chestnut Ridge, NY 10977 U.S.A.

Mfg. by:
Par Formulations Private Limited,
9/215, Pudupakkam, Kelambakkam - 603 103.
Made in India

*Product of France
from Active Pharmaceutical
Ingredient made in France

Mfg. Lic. No.: TN00002121
OS466-01-74-04
Revised: 02/2022

PRINCIPAL DISPLAY PANEL, 60 PACKETS PER CARTON
PRINCIPAL DISPLAY PANEL, 9 GRAM PACKET
Cholestyramine for Oral Suspension USP

**Powder**

__Rx only__

**Single Dose**

**Orange Flavor**

**Preparation:** Place the contents of one packet in a glass or cup. Add at least 2 to 6 ounces of water or the beverage of your choice. Stir to a uniform consistency. **KEEP THIS AND ALL DRUGS OUT OF REACH OF CHILDREN.**

This product contains sucrose.

**Dist. by Par Pharmaceutical**

Chesnut Ridge, NY 10977

R04766

**Lot and Exp. Area**

**Unvarnished**

**NDC 49884-465-64**

**Principa1 Display Panel, 378 g Label**
Cholestyramine for Oral Suspension USP
Powder
4 GRAMS CHOLESTYRAMINE RESIN USP, PER SCOOPFUL
Rx only
42 MEASURED DOSES
CONTENTS 378 g (110 g ANHYDROUS CHOLESTYRAMINE)

Preparation:
1. A scoop is enclosed to help you measure accurately.
   Do not force or pack the powder into the scoop.
   Scoop is not interchangeable with scoops from other products.
2. Place one level scoopful of Cholestyramine powder in
   a glass or cup.
3. Add 2 ounces of water or the beverage of your choice
   and stir vigorously.
4. Add at least 2 to 4 more ounces of beverage to suit
   individual taste and stir vigorously again.
5. The slightly textured Cholestyramine powder is now
   ready to drink.

Always mix Cholestyramine powder with water,
or the beverage of your choice, or other highly
fluid foods or fruits before using.

KEEP THIS AND ALL DRUGS OUT OF REACH OF CHILDREN.
This container is not child-resistant.
Always replace plastic lid after using.
See package insert for dosage information.
Each scoopful (8 grams) of Cholestyramine powder contains
4 grams of cholestyramine resin, USP.
Store between 20° to 25°C (68° to 77°F). [See USP Controlled
Room Temperature]. Excursion permitted to 15° to 30°C (59° to 86°F).
This product contains sucrose.

Dist. by: Par Pharmaceutical
Chesterfield, NJ 08070 U.S.A.
Mfg. by: Par Pomegranate Private Limited,
9/316, Patlipukur, Kamakhamsi - 603 103,
Mangalore, India
Mfg. Lic. No.: TN0003121
10/1/2022
LA1485-66-49-03

PRINCIPAL DISPLAY PANEL, 5 GRAM PACKET
NDC 49884-466-63
Cholestyramine for Oral Suspension USP, Light POWDER
Rx only
SINGLE DOSE
*Contains the artificial sweetener Aspartame

Preparation: Place the contents of one packet in a glass or cup. Add at least 2 to 6 ounces of water, milk or the noncarbonated beverage of your choice. Stir to a uniform consistency and drink.

PHENYLKETONURICS: CONTAINS PHENYLALANINE. 14.0 mg per 5 g DOSE.

KEEP THIS AND ALL DRUGS OUT OF REACH OF CHILDREN.

This packet is not child-resistant.

This packet contains 4 grams of anhydrous cholestyramine in 5 grams of Cholestyramine Light.

Dist. by: Par Pharmaceutical
Chelsea Ridge, NY 10977 U.S.A.

Product of France

Mfg. by: Par Formulations Private Limited,
S/315, Pudupakkam, Kolambakkam - 600 103.
Made in India

From Archer Pharmaceutical

Ingredient made in France

Mfg. Lic. No.: TN000027121

PRINCIPAL DISPLAY PANEL CARTON, 60 PACKETS PER CARTON
# Cholestyramine for Oral Suspension USP, Light Powder

**Product Information**

**Product Type**: HUMAN PRESCRIPTION DRUG  
**Item Code (Source)**: NDC:49884-465  
**Route of Administration**: ORAL

## Active Ingredient/Active Moiety

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Basis of Strength</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHOLESTYRAMINE (UNII: 4B33BG1082) (CHOLESTYRAMINE - UNII:4B33BG1082)</td>
<td>CHOLESTYRAMINE</td>
<td>4 g in 9 g</td>
</tr>
</tbody>
</table>
### Inactive Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACACIA (UNII: 5C5403N26O)</td>
<td></td>
</tr>
<tr>
<td>ANHYDROUS CITRIC ACID (UNII: XF417D3PSL)</td>
<td></td>
</tr>
<tr>
<td>D&amp;C YELLOW NO. 10 (UNII: 35SW5USQ3G)</td>
<td></td>
</tr>
<tr>
<td>FD&amp;C YELLOW NO. 6 (UNII: H77VEI93A8)</td>
<td></td>
</tr>
<tr>
<td>POLYSORBATE 80 (UNII: 6OZP39ZG8H)</td>
<td></td>
</tr>
<tr>
<td>PROPYLENE GLYCOL ALGINATE (UNII: 26CD3J2R0C)</td>
<td></td>
</tr>
<tr>
<td>SUCROSE (UNII: C151H8M554)</td>
<td></td>
</tr>
</tbody>
</table>

### Product Characteristics

<table>
<thead>
<tr>
<th>Color</th>
<th>Score</th>
<th>Shape</th>
<th>Size</th>
<th>Flavor</th>
<th>Imprint Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ORANGE</td>
<td></td>
</tr>
</tbody>
</table>

### Packaging

<table>
<thead>
<tr>
<th>#</th>
<th>Item Code</th>
<th>Package Description</th>
<th>Marketing Start Date</th>
<th>Marketing End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NDC:49884-465-66</td>
<td>378 g in 1 CAN; Type 0: Not a Combination Product</td>
<td>09/15/2005</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>NDC:49884-465-65</td>
<td>60 in 1 CARTON</td>
<td>09/15/2005</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>NDC:49884-465-64</td>
<td>9 g in 1 PACKET; Type 0: Not a Combination Product</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Marketing Information

<table>
<thead>
<tr>
<th>Marketing Category</th>
<th>Application Number or Monograph Citation</th>
<th>Marketing Start Date</th>
<th>Marketing End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANDA</td>
<td>ANDA077204</td>
<td>09/15/2005</td>
<td></td>
</tr>
</tbody>
</table>

### CHOLESTYRAMINE

**cholestyramine powder, for suspension**

### Product Information

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Item Code (Source)</th>
<th>NDC:49884-466</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN PRESCRIPTION DRUG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Route of Administration

<table>
<thead>
<tr>
<th>Route of Administration</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ORAL</td>
<td></td>
</tr>
</tbody>
</table>

### Active Ingredient/Active Moiety

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Basis of Strength</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHOLESTYRAMINE (UNII: 4B33BGIO822)</td>
<td>CHOLESTYRAMINE</td>
<td>4 g in 5 g</td>
</tr>
</tbody>
</table>
### Inactive Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPARTAME (UNII: Z0H242BBR1)</td>
<td></td>
</tr>
<tr>
<td>ANHYDROUS CITRIC ACID (UNII: XF417D3PSL)</td>
<td></td>
</tr>
<tr>
<td>D&amp;C YELLOW NO. 10 (UNII: 35SW5USQ3G)</td>
<td></td>
</tr>
<tr>
<td>FD&amp;C RED NO. 40 (UNII: WZB9127XOA)</td>
<td></td>
</tr>
<tr>
<td>MALTODEXTRIN (UNII: 7CVR7L4A2D)</td>
<td></td>
</tr>
<tr>
<td>PROPYLENE GLYCOL ALGINATE (UNII: 26CD3J2R0C)</td>
<td></td>
</tr>
<tr>
<td>XANTHAN GUM (UNII: TTV12P4NEE)</td>
<td></td>
</tr>
</tbody>
</table>

### Product Characteristics

<table>
<thead>
<tr>
<th>Color</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shape</td>
<td>Size</td>
</tr>
<tr>
<td>Flavor</td>
<td></td>
</tr>
<tr>
<td>Contains</td>
<td></td>
</tr>
</tbody>
</table>

### Packaging

<table>
<thead>
<tr>
<th>#</th>
<th>Item Code</th>
<th>Package Description</th>
<th>Marketing Start Date</th>
<th>Marketing End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NDC:49884-466-67</td>
<td>210 g in 1 CAN; Type 0: Not a Combination Product</td>
<td>09/15/2005</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>NDC:49884-466-65</td>
<td>60 in 1 CARTON</td>
<td>09/15/2005</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>NDC:49884-466-63</td>
<td>5 g in 1 PACKET; Type 0: Not a Combination Product</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Marketing Information

<table>
<thead>
<tr>
<th>Marketing Category</th>
<th>Application Number or Monograph Citation</th>
<th>Marketing Start Date</th>
<th>Marketing End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANDA</td>
<td>ANDA077203</td>
<td>09/15/2005</td>
<td></td>
</tr>
</tbody>
</table>

### Labeler

- Par Pharmaceutical, Inc. (092733690)