

MESCOF DX Syrup 100 ml

Dextromethorphan HBr+ CPM+ Phenylephrine Hcl

Composition

Each 5 ml contains in transparent bottle

Dextromethorphan HBr IP..... 10 mg

Chlorpheniramine Maleate IP.....2 mg

Phenylephrine Hydrochloride IP.....5 mg

Orange flavor but not in sugar free base.

Uses and Benefits

MESCOF DX Syrup 100ml is used in the treatment of cough and bronchial irritation caused by common cold and inhaled irritants. This syrup is also used to treat allergy, asthma, congestion, and hay fever. However, the uses mentioned here are not exhaustive. There may be other conditions for which this medication may be used upon doctors discretion.

Mechanism of Action of Drugs

Chlorpheniramine Maleate basically tames allergy symptoms by attaching to histamine receptors. Histamines are responsible for allergic and inflammatory reactions. Chlorpheniramine Maleate blocks the action of the endogenous histamine, by reducing the negative symptoms brought on by histamine.

Dextromethorphan acts centrally on the cough center in the medulla thereby suppressing cough.

Phenylephrine acts on alpha-adrenergic receptors, thus helps to reduce nasal congestion, allergies, fever and reduces swollen blood vessels in the nasal passage, if any.

Drug Composition information

Dextromethorphan

- **What is Dextromethorphan for?**

This combination medication contains CYP2D6 inhibitor and a sigma-1 receptor agonist, prescribed for pseudobulbar affect (PBA). It is the first drug approved by FDA for the treatment of pseudobulbar affect (PBA).

- **How does Dextromethorphan work?**

Dextromethorphan works on the cough center in the brain and uses as a decongestant.

- **How should Dextromethorphan be used:**

The recommended starting dose is one capsule daily by mouth for first 7 days, then 2 capsules per day. It comes as a capsule to take by mouth, as directed by your physician.

- **What are the common side effects of Dextromethorphan?**

Feeling dizzy. Rise slowly over a few minutes when sitting or lying down. Be careful climbing. Upset stomach or throwing up. Many small meals, good mouth care, sucking hard, sugar-free candy, or chewing sugar-free gum may help.

- **What to do when I miss a dose?**

Take a missed dose as soon as you think about it. If it is close to the time for your next dose, skip the missed dose and go back to your normal time. Do not take 2 doses at the same time or extra doses. Many times this drug is taken on an as needed basis

- **What precautions should I take when taking Dextromethorphan?**

If you have an allergy to dextromethorphan or any other part of this drug. Tell your doctor if you are allergic to any drugs. Make sure to tell about the allergy and what signs you had. This includes telling about rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs. If you have taken isocarboxazid, phenelzine, or tranylcypromine in the last 14 days. Monoamine oxidase inhibitors (eg, isocarboxazid, phenelzine, and tranylcypromine) must be stopped 14 days before this drug is started. Taking both at the same time could cause risky high blood pressure.

- **When do I need to seek medical help?**

If you think there was an overdose, call your local poison control center or ER right away. Signs of a very bad reaction to the drug. These include wheezing; chest tightness; fever; itching; bad cough; blue or gray skin color; seizures; or swelling of face, lips, tongue, or throat. Cough that does not go away. Any rash. Side effect or health problem is not better or you are feeling worse.

- **Can I take Dextromethorphan with other medicines?**

Sometimes drugs are not safe when you take them with certain other drugs and food. - Taking them together can cause bad side effects. - Be sure to talk to your doctor about all the drugs you take.

- **Are there any food restrictions?**

Avoid Alcohol

Pregnancy Category

Category C : Animal reproduction studies have shown an adverse effect on the fetus and there are no adequate and well-controlled studies in humans, but potential benefits may warrant use of the drug in pregnant women despite potential risks.

Therapeutic Classification

Cough & Cold Preparations

Chlorpheniramine Maleate

- **What is Chlorpheniramine Maleate for?**

It is used to ease allergy signs.

- **How does Chlorpheniramine Maleate work?**

Chlorpheniramine lowers or stops the bodys reaction to the allergen.

- **How should Chlorpheniramine Maleate be used?**

Adult: PO- Allergic conditions- 4 mg 4-6 hourly. Max: 24 mg/day. IV/IM/SC- Adjunct in anaphylactic shock- 10-20 mg. Total max: 40 mg/day. It comes as a tablet and syrup to take by mouth, with or without food. It also comes as a solution for injection to be administered by a healthcare provider into the vein, muscle, or under the skin.

- **What are the common side effects of Chlorpheniramine Maleate?**

Feeling lightheaded, sleepy, having blurred eyesight, or a change in thinking clearly. Avoid driving and doing other tasks or actions that call for you to be alert or have clear eyesight until you see how this drug affects you. Headache. Dry mouth. Good mouth care, sucking hard, sugar-free candy, or chewing sugar-free gum may help. See a dentist often.

- **What to do when I miss a dose?**

Take a missed dose as soon as you think about it. - If it is close to the time for your next dose, skip the missed dose and go back to your normal time. Do not take 2 doses at the same time or extra doses. - Many times this drug is taken on an as needed basis.

- **What precautions should I take when taking Chlorpheniramine Maleate?**

If you have an allergy to chlorpheniramine or any other part of this drug. Tell your doctor if you are allergic to any drugs. Make sure to tell about the allergy and what signs you had. This includes telling about rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs. If you have any of these health problems: Asthma, enlarged prostate gland, glaucoma, bowel block, ulcer disease, or trouble passing urine or if you are breast-feeding.

- **When do I need to seek medical help?**

If you think there was an overdose, call your local poison control center or ER right away. Signs of a very bad reaction to the drug. These include wheezing; chest tightness; fever; itching; bad cough; blue or gray skin color; seizures; or swelling of face, lips, tongue, or throat. Very bad dizziness or passing out. Feeling very tired or weak. Any rash. Side effect or health problem is not better or you are feeling worse.

- **Can I take Chlorpheniramine Maleate with other medicines?**

Sometimes drugs are not safe when you take them with certain other drugs and food. - Taking them together can cause bad side effects. - Be sure to talk to your doctor about all the drugs you take.

- **Are there any food restrictions?**

Avoid Alcohol

Use in Special Population

- **Pregnancy Category**

Category B: Animal reproduction studies have failed to demonstrate a risk to the fetus and there are no adequate and well-controlled studies in pregnant women OR Animal studies have shown an adverse effect, but adequate and well-controlled studies in pregnant women have failed to demonstrate a risk to the fetus in any trimester.

Therapeutic Classification

Antihistamines & Antiallergics

Phenylephrine Hydrochloride

- **What is Phenylephrine for?**

This medication is a selective alpha agonist, used to increase blood pressure and topically as a nasal decongestant. It is also used in the eye to dilate the pupil or to constrict superficial blood vessels in eye allergy. It works by reducing swelling of the blood vessels in the nasal passages.

- **How does Phenylephrine work?**

Phenylephrine shrinks swollen nose tissue and opens up passages. It shrinks blood vessels to raise blood pressure. It helps some numbing drugs work longer.

- **How should Phenylephrine be used?**

It comes as a tablet, a liquid, or a dissolving strip to take by mouth. It is also comes as eye drops and nasal solution, instilled over affected area.

- **What are the common side effects of Phenylephrine?**

High blood pressure. Nervous and excitable. Dry mouth. Good mouth care, sucking hard, sugar-free candy, or chewing sugar-free gum may help. See a dentist often. Not able to sleep.

- **What to do when I miss a dose?**

Take a missed dose as soon as you think about it. If it is close to the time for your next dose, skip the missed dose and go back to your normal time. Many times this drug is taken on an as needed basis.

- **What precautions should I take when taking Phenylephrine?**

If you have an allergy to phenylephrine or any other part of this drug. If you have a sulfite allergy, talk with your doctor. Tell your doctor if you are allergic to any drugs. Make sure to tell about the allergy and what signs you had. This includes telling about rash; hives; itching; shortness of breath; wheezing; cough; swelling of face, lips, tongue, or throat; or any other signs. If you have taken isocarboxazid, phenelzine, or tranylcypromine in the last 14 days. Monoamine oxidase inhibitors (eg, isocarboxazid, phenelzine, and tranylcypromine) must be stopped 14 days before this drug is started. Taking both at the same time could cause risky high blood pressure.

- **When do I need to seek medical help?**

If you think there was an overdose, call your local poison control center or ER right away. Signs of a very bad reaction to the drug. These include wheezing; chest tightness; fever; itching; bad cough; blue or gray skin color; seizures; or swelling of face, lips, tongue, or throat. Chest pain or pressure, a fast heartbeat, or passing out. Very bad headache. Any rash. Side effect or health problem is not better or you are feeling worse.

- **Can I take Phenylephrine with other medicines?**

Sometimes drugs are not safe when you take them with certain other drugs and food. - Taking them together can cause bad side effects. - Be sure to talk to your doctor about all the drugs you take.

- **Are there any food restrictions?**

Avoid Alcohol

Use in Special Population

Pregnancy Category

Category C : Animal reproduction studies have shown an adverse effect on the fetus and there are no adequate and well-controlled studies in humans, but potential benefits may warrant use of the drug in pregnant women despite potential risks.

Therapeutic Classification

Nasal Decongestants & Other Nasal Preparations, Mydriatic Drugs

Storage and Precaution

Store in a cool, dry place away from the reach of children. - Medicines must not be used past the expiry date.

Contraindications and Caution

Patients with the following conditions are suggested to seek advice from their health care professionals before using this MESCOF DX Syrup 100ml:

Hypersensitivity to any of the ingredients used in the Mescof- DX Syrup 100ml such as Chlorpheniramine Maleate, Dextromethorphan, and Phenylephrine

Severe hypertension.

Ventricular tachycardia.

Severe hyperthyroidism.

Caution

Hyperthyroidism.

Cardiovascular disease.

Asthma.

GI Obstruction.

Prostatic hypertrophy.

High environmental temperature.

Glaucoma, angle-closure.

COPD.

Side and Adverse Effects

The following side effects may or may not occur during the usage of **MESCOF DX** Syrup 100ml. It is generally well tolerated when given in the prescribed dosage guidelines. More common ones are generally mild and may include:

Drowsiness, Dizziness, Impaired coordination, Headache, Epigastric discomfort, Dry mucous membranes, Constipation, Dysuria, Urinary retention, Palpitations, Tachycardia, Fatigue, Nausea, Reflux bradycardia, Weakness, Insomnia, Urinary retention (in male), Blanching of skin, Hypertension, Hypertensive crisis, Rare but more serious adverse effects may include:, Anaphylaxis, Anemia, Thrombocytopenia, Agranulocytosis, Pancytopenia, Leukopenia, Arrhythmias, Seizures, Heart stroke, Toxic psychosis, Serotonin syndrome, Abuse potential, Cerebral haemorrhage, Ventricular arrhythmia, Myocardial infarction.

How to Use

Do not exceed the dose prescribed by your doctor, or follow the directions given on the bottle or container.

MESCOF DX Syrup 100ml is a medicine meant for oral administration. Shake the bottle well before consuming. Dosage can be administered with the cap that comes along with the syrup container.

Avoid missing a dose. If you do, take it as soon as you remember; but if it is time for your next dose, skip it and take it according to your normal schedule. Do not consume two doses at the same time which may be dangerous to your health. Take the syrup either with or without food. Dosage as suggested by your doctor or follow the instructions given on the prescription.

Overdosage

Avoid taking more than the prescribed dosage. In case of an accidental overdose, look for any new symptoms. If you observe any, promptly seek medical advice or report it to the nearby poison control center.

Warnings and Precautions

Take the syrup only on the advice of a medical practitioner. Dosage adjustment or complete avoidance of the medication may be required in the following conditions:

Use in Special Population

Pregnancy:

May be used during pregnancy – the risk of fetal harm is low based on human data. However, inform your doctor before taking the syrup.

FDA Pregnancy Category

Category C: Animal reproduction studies have shown an adverse effect on the fetus and there are no adequate and well-controlled studies in humans, but potential benefits may warrant use of the drug in pregnant women despite potential risks.

Lactation:

Chlorpheniramine Maleate: Caution advised during breastfeeding (it may be recommended for short term use). There is no known risk of infant harm based on limited human data. However, based on limited human data, there have been noted chances of CNS depression when used with other antihistamines. Therefore, if you are breastfeeding, consume this medicine only if recommended by a healthcare professional.

Dextromethorphan: Caution advised during breastfeeding – no human studies are available for safety during lactation. However, the drug may be used based on drug properties (risk is not expected based on properties).

Phenylephrine: Safety during lactation is unknown. Therefore, inform your doctor before taking this drug.

Precautions

Keep the medicine out of sight and reach of children.

Store it in a cool place, away from heat and moisture.

Do not use the MESCOF DX Syrup 100ml beyond its expiry.

DOSAGE & ADMINISTRATION

The usual recommended dose of **MESCOF- DX** in children is as under:

Adults: 5ml, 3-4 times daily

6-12 years: 2.5ml, 3-4 times daily

6 years: 1.25ml, 3-4 times daily.

Composition and Presentation

The active ingredients of **MESCOF DX** Syrup 100ml are Chlorpheniramine Maleate 2mg, Dextromethorphan 10mg, and Phenylephrine 5mg/5ml.

MESCOF-DX Syrup is available in orange flavour.

MESCOF-DX Syrup is available bottle of 100 ml.