

Centacid[®]

SUSPENSION

ALUMINA, MAGNESIA & SIMETHICONE ORAL SUSPENSION USP ANTACID ANTIFLATULENT

Dosage form- Oral Suspension USP.
Therapeutic class- Antacid

Composition-
Each 5ml contains-

Ingredients Each 5ml
Aluminium Hydroxide paste equivalent to Dried Aluminium hydroxide gel USP 250 mg
Magnesium Hydroxide paste equivalent to Magnesium hydroxide BP 200 mg
Simethicone USP 40 mg
Colour : Erythrosine

Pharmacology-

Antacids act by neutralising the hydrochloric acid (HCL) secreted by the gastric parietal cells thus elevating the gastric pH. In addition sufficient antacid to maintain a gastric pH of more than or equal to 4 may be required for adequate control of the symptoms. Aluminium hydroxide and Magnesium hydroxide are relatively insoluble in water and are long acting agents.

Magnesium hydroxide will act by simple acid neutralization in the stomach. It also acts as a laxative in the colon. The majority of the suspension is not absorbed in the intestinal tract and will create an osmotic effect to draw water into the gut from surrounding tissues resulting in softening the faeces and stimulate the intestinal motility. Magnesium hydroxide will also release cholecystokinin (CKK) in the intestines which will accumulate water and electrolytes in the lumen and thus lead to an increase in the intestinal motility.

Aluminium hydroxide is a basic inorganic salt that can act by neutralizing hydrochloric acid in the gastric secretions. It also inhibits the action of pepsin by increasing the pH and via adsorption. Cytoprotective effects may occur through increases in bicarbonate ion (HCO₃⁻) and prostaglandins.

Simethicone acts as antifoaming agent to reduce flatulence. It is a silicon polymer that lowers surface tension and allows small bubbles of forth to coalesce into large bubbles that can be more easily passed up from the stomach or down from the colon. Antacid - Simethicone combination may be useful for the relief of hiccup in palliative care.

Indication-

Hyperacidity, acid dyspepsia, gastritis, pregnancy heartburn, NSAID gastropathy, gastritis, duodenitis, adjunct to H2 antagonists, proton pump inhibitor in the peptic ulcers, Reflux esophagitis.

Read all of this leaflet carefully before you start using this medicine.

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor or pharmacist.
- This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor or pharmacist. This includes any possible side-effects not listed in this leaflet.

What is in this leaflet?

1. What is Centacid and what it is used for?
2. What you need to know before you use Centacid?
3. How to use Centacid?
4. Possible side effects?
5. How to store Centacid?
6. Contents of the pack and other information available.

1. What is Centacid and what it is used for?

Centacid is an antacid containing Aluminium hydroxide, Magnesium hydroxide and Simethicone as the active ingredients. Centacid is indicated for a number of G.I related conditions such as hyperacidity, acid dyspepsia, gastritis, esophagitis, pregnancy heart burn, Reflux esophagitis, Gastritis, Duodenitis, Pregnancy heartburn, Hiatus hernia, NSAID gastropathy, Adjunct to H2 antagonists & proton pump inhibitors in Peptic ulcers.

2. What you need to know before you use Centacid?

Warnings and Precautions before using Centacid-
Warnings-

Before using Centacid suspension the medical practitioner has to be informed about the current list of over the counter products such as vitamins, herbal supplements, allergies, pre-existing disease and current health conditions such as pregnancy, upcoming surgeries etc.). Since, certain health conditions make us more susceptible about the side effects of the drug. Some health conditions make us more susceptible to the side effects of the drug. Certain precautions have to be exerted before using this drug during conditions such as-

1. Appendicitis
2. Blockage of Intestines

3. Breastfeeding
4. Dehydration
5. Diarrhea
6. Do not allow the liquid form of this medicine to freeze.
7. Do not use aluminum hydroxide for more than two weeks unless instructed by your doctor.
8. Frequent alcohol use
9. Gastrointestinal bleeding
10. Heart disease

Centacid is an antacid that is contraindicated in the following-

- Hypersensitivity to any of the ingredients Centacid suspension cannot be used-
- Allergic reaction to Aluminium hydroxide
- Use of mineral oil laxatives
- Allergic reactions
- Hypophosphatemia

There are certain drug interactions associated with the use of Centacid suspension which includes-
Usage of the drugs along with medications such as -

- Ascorbic acid,
- Bisphosphonate derivatives,
- Cephalosporin's
- Citrates
- Corticosteroids
- Cyclosporine
- Delavirdine
- Imidazole antifungals along with the iron salts.

3. How to use Centacid

Usually antacids are given best-

- When the symptoms occur or expected to occur or are expected, usually between meal times, and at bedtime, four or more times daily.
- Additional doses may be required up to once an hour.
- Liquid preparations are usually more effective than solid preparations.
5 to 10 ml of the Centacid suspension as per the measuring cup.

4. Possible side effects

The possible side effects associated with the usage of Centacid preparation includes-

1. GI upset side effects
2. Osteomalacia (with prolonged use in patients ingesting low phosphate diet).

5. Storage conditions -

Do not store above 30 degree Celsius.

Keep the bottle tightly closed.

Shake well before use for the Centacid preparation.

Keep the medications out of reach of children and pets.

6. Contents of the pack and other information (Further Information)

The active constituents present in Centacid preparation includes- Aluminium hydroxide, Magnesium hydroxide and Simethicone.

What does Centacid bottle look like and contents of the pack-

Centacid contains of a bottle of 100 ml and 170 ml along with the calibrated measuring cup.

How does the bottle look like?

The bottle is a 100 ml and 170 ml present along with a calibrated measuring cup. It is an amber coloured plastic container.

Storage instructions

- Do not store above 30°C.
- Keep the bottle tightly closed.
- Shake well before use for the Centacid preparation.
- Keep the medications out of reach of children and pets.

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For full prescribing information, please write to:

Manufactured by:

Centaur

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