



SOLUMIUM® ORAL 250 ml
Oral, skin, and mucous membrane disinfectant
PATIENT INFORMATION LEAFLET

SOLUMIUM® ORAL - BASIC FACTS:

SOLUMIUM® ORAL is an ideal antimicrobial, killing all pathogenes including bacteria, fungi, protozoa, and viruses. It can also penetrate into the skin, the mucous membrane, or other human tissues, to about a depth of 0.1-0.2 mm, providing an extremely effective disinfection of the treated region. Most importantly, it is not harmful to humans, if used in therapeutic quantities.

Chemically, SOLUMIUM® ORAL is an aqueous solution of hyperpure chlorine-dioxide (ClO₂), the compound responsible for the liquid's yellow color, characteristic smell, and exceptional disinfecting qualities. There are no other ingredients in it.

The use of chlorine-dioxide as a skin- and mucous membrane disinfectant has previously been stalled by the fact that it was not available in a clean and stable enough solution. The high purity of SOLUMIUM® ORAL guarantees its success in human disinfection, and greatly extends possible storage time of the liquid.

Chlorine-dioxide is highly volatile, so please close bottle cap tightly after use. Depletion of the solution is indicated by a fading of its yellow color. If the liquid becomes colorless, it is ineffective. Its volatility, on the other hand, means that, after treatment, SOLUMIUM® ORAL evaporates without any residues, enabling the treated region to heal naturally.

The solution does not sting, and may freely come into contact with the teeth, the skin, and the mucous membrane. Please note that it may decolorize clothes if it gets accidentally spilled onto them.

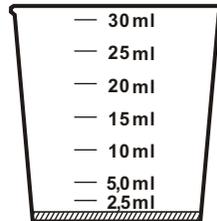
A 30 ml scaled plastic cup is enclosed in the package, to facilitate dilution.

SOLUMIUM® ORAL - AREAS OF USE:

BAD BREATH: cca 20-fold dilution

Bad breath is an effect of sulphurous compounds produced by bacteria in the mouth. SOLUMIUM® ORAL kills those bacteria, and neutralizes the compounds. Rinse with SOLUMIUM® ORAL diluted 20-fold by water, every day, in the morning and in the evening. Use warm water for diluting.

Example: Pour a little SOLUMIUM® ORAL into the attached scaled plastic cup, filling it up to about half the height of the lowest (2,5 ml) mark, according to the picture on the right. Then use warm water to fill up the cup to the 25 ml mark. Use the diluted liquid for 2-3 thorough rinsings. Keep the liquid in the mouth for 10-15 seconds each time, swirling and gargling, then spit it out.



SORE THROAT: cca 10-fold dilution

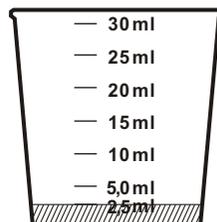
To treat an acute pharyngitis (inflammation of the throat or pharynx) dilute 1 part SOLUMIUM® ORAL with 9 parts warm water.

Example: Pour 2.5 ml of SOLUMIUM® ORAL into the scaled plastic cup (lowest mark on cup, see picture on right) and then use warm water to fill up the cup to the 25 ml mark. Use the diluted liquid for 2-3 intense garglings. One gargling should last 10 seconds.

Illness-related pain will decrease substantially in 5-10 minutes after treatment, with all symptoms normally disappearing in a few hours.

If the pain does not decrease, repeat the procedure using a thicker dilution for gargling: pour 5-6 ml of SOLUMIUM® ORAL into the cup, and then continue the procedure as above.

To avoid recurrence, repeat the rinsing procedure at least two times, with 6 to 10 hour pauses between treatments.



BLOCKED NOSE:

A blocked nose is a symptom of the common cold, the world's most widespread illness.

For treatment, put a piece of cotton wool soaked in SOLUMIUM® ORAL into both nostrils for a few minutes, or use a cotton swab to brush both nostrils.

If that treatment is not effective enough, dilute SOLUMIUM® ORAL 20-fold with the method described overleaf, and apply the liquid as nose drops.

To avoid recurrence, repeat the procedure within 12 hours.

GINGIVITIS (INFLAMMATION OF THE TOOTH GUM)

To treat gingivitis, use a cotton swab dipped into SOLUMIUM® ORAL, for gently brushing the affected area, for 1 minute, twice a day, for 3-4 days.

FUNGAL INFECTIONS:

To treat various fungal infections of the skin (like athlete's foot, yeast infection in skin folds, Jock Itch, etc.) use undiluted SOLUMIUM® ORAL for a 2-minute brushing. After treatment, the use of a soothing cream is recommended. To avoid recurrence, repeat the procedure the next day.

DISINFECTION OF SCRATCHES AND ABRASIONS OF THE SKIN:

Clean the area to be treated, let it dry, and wait until bleeding lessens or stops. Then pour a few drops of undiluted SOLUMIUM® ORAL onto the padding of a bandaid, and apply the bandaid to the wound. A wound already covered with a gauze pad can also be disinfected by pouring SOLUMIUM® ORAL onto the gauze, until the liquid reaches the surface of the wound. (Note: The liquid will evaporate from the gauze with no residue.)

STORAGE:

Close the bottle immediately after each use.

Keep the bottle in a dark, cool place, like a refrigerator. If not placed in a refrigerator, the bottle should be put back into its box, to protect it from light. Do not expose the bottle to strong sunlight for a longer time.

BEST BEFORE: 18 months from date of manufacture. See date of expiry on packaging.

Expiry date refers to the product in its original, unopened bottle.

NOTE: SOLUMIUM® ORAL may be effective even after several years of storage, as long as it is yellow.

SIDE EFFECTS:

SOLUMIUM® ORAL has no known side effects.

INGREDIENTS:

chlorine-dioxide (0.03 %), distilled water.

WARNING:

Should not be mixed with other disinfectants.

FLAMMABILITY:

E - Non-flammable

HANDLING:

S2 Not to be used within the reach of children

S50 Do not mix with other disinfectants

ECOTOXICITY:

Toxic to aquatic life. Must be diluted to a concentration below 0.8 mg/l before released to surface water or ground water.

WASTE HANDLING:

The remaining liquid should be diluted with water before release to the drainage system. The empty bottle can be washed with tapwater.

MANUFACTURED BY:

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SURGEON GENERAL OF HUNGARY LICENCE NO.:

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