



Science Confirms Copper Zaps Germs



Apply in your nose right away at the first sign of cold or flu.

Extensive research since 2002 shows conclusively that copper kills germs by direct physical contact.

Scientists at the EPA and many universities have demonstrated copper's ability to kill microbes, including harmful viruses and bacteria, just by touching them.

This is probably due to the high electrical conductance of copper, which disrupts the tiny electrical differential across the membrane of the microbe cell and kills it.

This at last explains the use of copper by humans for thousands of years for healing and water purification. Now we know why it works – because copper zaps germs.

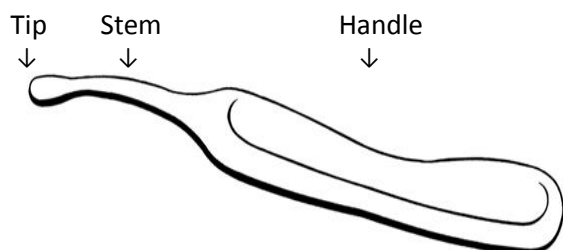
The EPA wants hospitals to use copper "touch surfaces" on things many people touch, because copper kills MRSA, strep, viruses and other disease germs that spread by touch.

CopperZap takes the idea a step further, outside the hospital. It uses solid copper against germs in the nose and on the skin. It is made entirely of pure copper, not mixed with other metals, because EPA test show pure copper works best against illness-causing microbes.

Your CopperZap™ is your own personal touch surface. It has a copper tip you can insert gently in your nose to touch viruses where they first collect before you get a cold.

Nearly 100% of reports by users say the copper stops their colds completely if used within 3 hours after the first sign of a cold. Even up to 2 days, if they still get the cold it is milder.

Some users say copper has also stopped flu, sinus trouble, nighttime stuffiness, cold sores, and illness after air travel.



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DIRECTIONS

When to Use. Use within 3 hours of the first sign of cold or flu, like a tickle in the nose, a scratchy throat, or sinus pressure, before sniffles or other symptoms occur. If signs linger or return, repeat up to 4 times in 1 day. After 3 hours, or if you already have cold symptoms, use anyway for up to 2 days. It may still stop the cold or reduce symptoms.

Colds can feel like allergies at first, so use anyway in case it is a cold. If you usually can't feel a cold coming on until you get sniffles or other symptoms, use 1-2 times a day when you have been around other people with colds, flu, or other illness.

Use at any hint of sinus trouble. Many people say it helps.

For nighttime stuffiness, use before bed. Some say it helps.

For air travel or other crowded situations, use preventively up to 4 times a day up to 3 days. Rub fingers on handle often if you touch things many other people have touched.

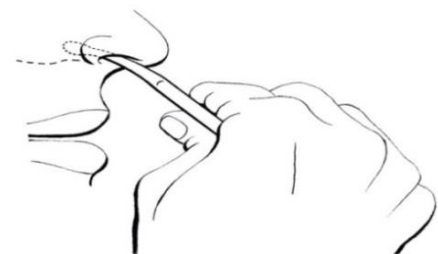
Step 1. Clean with a cloth, paper towel, oil-free tissue, or soap and water. Copper is "continuously self-sanitizing", the EPA says, but clean off any lotion or oil from fingers before use so the copper directly touches the germs.

Step 2. Gently insert tip, curving downward, in nostril. Push as far back as you can comfortably along bottom of nostril. Rub tip gently all around bottom of inner cavity of nostril for 60 seconds. Dry tip, repeat in other nostril.

When to STOP Using. Stop using after 2 days if full cold symptoms have already started. By then viruses have spread too far to stop, so let the body's own defenses work. Stop using if the rare symptoms listed under Warnings appear.



Insert the tip very gently in your nose. Point tip downward.



Tilt tip down into bottom of the inner cavity of nostril.

The first signs of flu may include aches, fever, chills, fatigue, headache, weakness, sore throat or dry cough. If flu starts in the nose, frequent use for 2 days may stop or mitigate it.

For cold sores, use immediately on a tingle in lip. Clean lip and handle, press handle on tingly spot for 5-30 minutes. Repeat as needed. Tests suggest copper reaches viruses under the skin.

For warts, rub handle on wart 3-5 minutes 3-5 times a day.

DIRECTIONS continued and WARNINGS on other side →

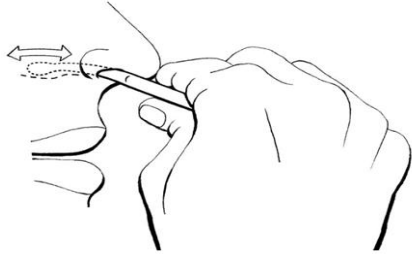
DIRECTIONS continued...

For wounds, cuts and abrasions, wash thoroughly and touch handle gently to affected surface areas and nearby skin for 3-5 minutes.

If you have been around people with cold or flu, viruses may be in your nose already. Apply copper early as a preventive.



Push gently as far back as you can comfortably.



Rub in and out along the bottom and low areas in the nostril.

Rub fingers and thumb on handle for 60 seconds if you may have been exposed to harmful germs. The copper attacks germs already on skin and leaves a slight residue to further protect for a short time. Use often if you spend time in schools, health care facilities, day care, elder care or stores, or if you handle money, which carries germs. Use in your nose as directed and also rub the handle on your face, fingers and hands. Even just handling it daily can help.

Medical research says many people unknowingly carry staph germs in the nose, including antibiotic-resistant germs such as MRSA. Such germs can become dangerous or deadly if transferred by touch to an open cut, wound, or surgical site. EPA studies show solid copper swiftly kills staph and other germs, including MRSA, on surfaces in health care settings. Logic suggests, therefore, that rubbing copper in the nose also protects against such germs.

Copper has been used for thousands of years to purify water, remedy sore throats, and disinfect cuts, wounds, abrasions, and skin ulcers. Apply to any break in the skin that may become infected.

TARNISH: Copper develops a natural patina or tarnish over time. The EPA says this does not reduce the power of copper to kill germs. If you prefer a shiny look, polish your CopperZap™ with a household metal polish, available in many grocery stores. Follow directions and rinse well so polish doesn't get in your nose. (Rubber bands can cause black marks on copper, even through plastic.)

Copper is a soft metal, so it is easily scratched or marred. It is still effective if clean and free of sharp burrs or edges.

CopperZap probably has little effect on allergies or infections from bug bites or contaminated food or drink. Allergies, however, may make you more vulnerable to bacteria and viruses in your nose and turn into a cold or flu. Colds often feel like allergies until it is too late to stop them, so use CopperZap anyway.

FEEDBACK: Please tell us your experience with CopperZap™. Visit CopperZap.com or call, email, or write to the address below.

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WARNINGS

FOR ADULT NOSES ONLY. Keep CopperZap™ away from children. It may be too big for small noses and too hard for children to use safely. Adults may use it on children's skin, however, just not in their noses.

DO NOT USE IF YOU ALREADY HAVE FULL COLD SYMPTOMS. By then it is too late to do any good anyway, and prolonged use might interfere with the body's natural defenses.

USE VERY GENTLY. DO NOT FORCE. Avoid discomfort or pain from pushing too hard. Do not use if your nose is too small for comfortable use. Be especially gentle on the septum, the delicate wall between the two nostrils, or a nosebleed could result.

USE ONLY ON YOUR OWN NOSE. Do not use on others and do not let others use on you. You can't feel excess force in someone else's nose.

USE ONLY IN A STABLE POSITION AND AWAY FROM AIR BAGS. Do not use in nose in a moving vehicle, boat, airplane, or when walking or moving around, or near active children or pets. Jostling or bumping during use may cause excess force. Do not use near air bags. Sudden deployment could cause severe injury.

WE DON'T RECOMMEND SHARING. CopperZap is for personal use, like a toothbrush. Having your own makes it easier to keep it with you when you are out and about, in case of sudden signs of a cold, or in case people are sneezing or coughing around you.

DO NOT APPLY IN THE UPPER PART OF THE NOSTRIL where nerves for the sense of smell are. Use only along the bottom and lower sides in the nostril.

DO NOT USE IF YOU HAVE SYMPTOMS OF EXCESS COPPER. Symptoms include nausea, vomiting, stomach pain, dizziness, metallic taste, hair loss, yellow skin and eyes, and unusual weakness. If symptoms appear, consult a doctor. Do not use if you have been diagnosed with hypersensitivity to copper or problems processing copper, such as Wilson's Disease. Do not use if touching copper causes rare allergic redness, swelling, itching, or lesions on skin. Users of copper IUDs should consult a doctor.

CopperZap puts nothing in your body except a slight residue of copper, less than the amount in a normal diet or a vitamin or mineral supplement. Copper is vital to health, but too much can cause symptoms. Risk may rise if you drink from a hot water tap or use a copper IUD, copper cookware, pesticides or fungicides, or breathe copper dust where copper is milled or processed.

DO NOT USE IN THE NOSE MORE THAN 4 TIMES IN A DAY for up to 3 days in a row. DO NOT USE IN THE NOSE MORE THAN 2 TIMES A DAY IF USING EVERY DAY. Be alert to symptoms of excess copper (see above) and stop if symptoms appear. If you use it every day as a preventive, be especially watchful for symptoms, and stop if a cold or flu somehow comes on anyway.

DO NOT USE IN ANY OTHER ORIFICE OR OPENING, only the nose.

DO NOT POKE EYE WITH IT. DO NOT SWALLOW IT.

DO NOT USE IT IF DAMAGE CREATES SHARP POINTS OR EDGES.

DO NOT PUT IT ON STOVE OR IN MICROWAVE, OVEN, OR FIRE.

DO NOT TOUCH IT TO HIGH HEAT OR ELECTRIC CONNECTIONS.

Copper conducts heat and electricity. It could burn or shock you.

DO NOT INHALE OR INGEST POLISHING POWDER.

NOT A SUBSTITUTE for hand washing, flu shot, or other hygiene.

To Health Workers: Follow all current infection control practices, including cleaning and disinfecting environmental surfaces. Copper surfaces have been shown to reduce microbial contamination, but may not prevent cross-contamination.

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Directions 170723