



## ORIGINAL-ARTICLE

# A Botanical Ozonated Oil for Fast Fever Cure

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### Abstract

The present patent-pending invention relates to a topical naturaceutical ozonated composition (with maximum bioavailability) for high fever of all types and causes. Observed results showed excellent results for all ages of men women and children with no adverse or side effects.

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## 1 | DESCRIPTION OF THE INVENTION

Millions of people suffer from high fever worldwide daily. Most of patients take chemical drugs without noticing the dangerous side effects that may occur for them such as:

- Red, peeling or blistering skin.
- Rash.
- Hives.
- Itching.
- Swelling of the face, throat, tongue, lips, eyes, hands, feet, ankles, or lower legs.
- Hoarseness.
- Difficulty breathing or swallowing.
- Nausea
- Vomiting
- Constipation
- Headache
- Agitation
- Difficulty falling asleep and staying asleep
- Pain in the place where the medication was injected

temperature has traditionally been defined as 98.6 F (37 C). A temperature taken using a mouth thermometer (oral temperature) that's 100 F (37.8 C) or higher is generally considered to be a fever.

Depending on what's causing a fever, other fever signs and symptoms may include:

- Sweating
- Chills and shivering
- Headache
- Muscle aches
- Loss of appetite
- Irritability
- Dehydration
- General weakness

**Supplementary information:** The online version of this article (<https://doi.org/10.52845/rrarjmcs/2023/9-3-4>) Contains supplementary material, which is available to authorized users.

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## Dangers of High Fever

## 2 | SYMPTOMS

Body temperatures vary slightly from person to person and at different times of day. The average

High fever can cause many problems and some of them are dangerous such as seizures and brain damage.

Some symptoms may accompany high fever such as:

- Severe headache
- Rash
- Unusual sensitivity to bright light
- Stiff neck and pain when you bend your head forward
- Mental confusion, strange behavior or altered speech
- Persistent vomiting
- Difficulty breathing or chest pain
- Abdominal pain
- Pain when urinating
- Convulsions or seizures

#### **What causes a high temperature?**

- Upper respiratory tract infections (RTIs)
- Flu.
- Ear infections.
- Rosella – a virus that causes a temperature and a rash.
- Tonsillitis.
- Kidney or urinary tract infections (UTIs)
- Common childhood illnesses, such as chickenpox and whooping cough.

### **2.1 | ESSENTIAL OILS TO TREAT HIGH FEVER**

Essential oils are true little fever breaker multitaskers that can help reduce a wide array of symptoms.

#### **2.2 | EUCALYPTUS OIL FOR A FEVER**

**How it helps:** Cools down body, reduces pain and inflammation, fights off viral and bacterial infections, clears congestion.

Sometimes called ‘fever oil’, it’s not surprising that eucalyptus tops the list of essential oils a natural fever reducer. With its fresh, minty scent and cooling effect, not only does it lower the body’s temperature, but it also opens up the arteries and veins to relieve blood pressure and allow more oxygen-rich blood to flow through the body. This

helps ease the pain and inflammation that are commonly associated with a fever.

Eucalyptus can also help fight viral, bacterial, and fungal infections in your body, as it’s been found to get rid of several germs that cause illnesses. And if you’re suffering from a stuffy nose or a cough, it helps clear up lung and nasal congestion.

**How to use eucalyptus oil for a fever:** Use a cold compress 3 times a day. Soak a wash cloth in a small bowl of cold water with 3 drops eucalyptus essential oil and 2 drops of lavender, squeeze and place on the forehead. Leave for a couple of minutes and repeat the process.

Otherwise, toss a eucalyptus infused eye mask and neck pillow into the freezer, and drape over the forehead as well as the back of the neck that leads to the part of the brain that helps regulate your body’s temperature. Or you can use a cooled eucalyptus spa blankie for all over body relief.

Research has also shown that the vapor from diffusing a few drops each of lavender oil and eucalyptus oil has positive benefits for a fever caused by a virus. Lavender will also make it easier to get to sleep when you’re suffering.

### **2.3 | TEA TREE OIL FOR A FEVER**

**How it helps:** Fights off bacteria and viruses, disinfectant, powerful anti-inflammatory, pain relief.

A well-known home remedy to help your body fight off infection, this powerful antibacterial and anti-viral oil can help relieve fever and its related symptoms – and fast. A study (1) found that it is effective against the flu virus within only 5 to 10 minutes of exposure. Tea tree essential oil helps contribute to the efficient functioning of white blood cells which chase away unwanted germs and strengthen your immune defences against a fever.

This camphor scented oil is also probably one of the most potent natural anti-inflammatories. It’s been found to bring down redness, swelling, and pain - some of the symptoms of a fever.

**How to use tea tree oil for a fever:** Mix 3-4 drops of tea tree oil with 1 teaspoon of sweet almond oil.

Gently massage into the forehead, neck and shoulders.

Use it as a natural disinfectant spray to freshen the air and remove bacteria, viruses and mold from your home. Fill a spray bottle with water and add equal parts tea tree, lemon, peppermint and eucalyptus essential oils to keep the germs at bay.

## 2.4. | HOLY BASIL (TULSI) OIL FOR A FEVER

**How it helps:** Powerful antipyretic (fever reduction), kills viruses and bacteria, reduces pain and inflammation.

Known as the “Queen of Herbs” and “Mother Nature of Medicine”, this sharp, fresh herbaceous-minty oil is packed with so many nutrients, phytochemicals, terpenes and flavonoids that it has the enviable status of being one of the most powerful herbs worldwide. Shown in several studies to have potent antipyretic (fever reduction) properties, it’s one of the most effective ways to lessen a fever. In fact, this oil’s ability to lower body temperature is similar to aspirin.

As a proven antibacterial, antiviral, anti-inflammatory and analgesic (painkiller), it can also help kill any microbes causing the infection, and reduce chronic inflammation and pain.

**How to use holy basil oil for a fever:** Dilute 5 drops of holy basil oil in 1 tablespoon of jojoba oil and dab onto the back of the neck and on the soles of the feet. Repeat three times a day for up to 5 days. Holy basil pairs well with eucalyptus, lemon or rosemary to help ease a fever. Just add a few drops of two or all three of these oils into a diffuser to permeate the air with a healing aroma.

## 2.5 | CLOVE OIL FOR A FEVER

**How it helps:** Reduces feverish symptoms, anti-inflammatory, eases pain, kills germs, and enhances immunity. Eugenol, a compound which makes up 75-80% of clove oil, has been found to have marked antipyretic (fever reduction) activity that helps reduce feverish symptoms. It works in the same way as that of common medications prescribed for fever, such as acetaminophen, but without any of the bad side effects.

Most well-known to provide relief from a toothache, clove oil’s potent anti-inflammatory properties can help also ease any of the aches and pains associated with a fever. In addition to its antibacterial and anti-fungal properties that kill off all the germs, the antioxidants in clove oil help rid the body of dangerous free radicals so strengthening the immune system.

**How to use clove oil for a fever:** Make a cold compress by steeping a wash cloth in a bowl of cold water with 5 drops of clove oil and peppermint oil. Place the cold wash cloth on your forehead, replacing it with a fresh one every half an hour. A cold compress on the back of the neck also helps to reduce overall body temperature.

Clove oil blends well with many essential oils which are also good for a fever - including holy basil, rosemary, cinnamon, lemon, peppermint and lavender. Use a mix of two or three of your favorites in a diffuser.

Make use of clove oil’s antimicrobial properties to disinfect surfaces and air. To make a disinfectant spray, fill the bulk of a 16oz glass spray bottle with high proof alcohol (min 60% ethanol - like in vodka - or isopropyl alcohol, AKA rubbing alcohol) and add 30 drops tea tree essential oil, and 15 drops each of clove oil, lemon oil and eucalyptus oil.

## 3 | MAXIMUM BIOAVAILABILITY

The herbal composition if used as an oral formulation its bioavailability will be poor compared to a topical (external) applications on head and forehead. to give good bioavailability. It was found that this oil did give maximum bioavailability effect.

## 4 | SUMMARY OF THE INVENTION

The present invention relates to a topical pharmaceutical composition for treatment of high fever. The composition for treating fever, preferably formed of ozonated eucalyptus oil, ozonated tea tree oil, ozonated basil oil, and ozonated clove oil

## 4 | EXAMPLES OF PRE-CLINICAL RESULTS

The following results were obtained at the clinic of Dr .B. Khasawneh.

Dr B. Khasawneh 4 surveys to date

### **JORDAN GROUP: CANCER AND FLU CASES**

Number: 24 patients

Time applied 3 minutes on head and forehead with mild fingers massage:

Relief of fever achieved in 5 minutes

Summary: Instant fever relief

Star rating 5

### **SUDAN MALARIA GROUP**

Number of patients: 48 patients

Time applied 5 minutes on head and forehead

Relief of fever achieved in 5-10 minutes

Summary: Instant fever relief

Star rating 5

### **SAUDI DANGUE FEVER GROUP**

Number of patients: 12 patients

Time applied: 3 minutes

Result: instant fever relief

Star rating 5+

## **5. | SAFETY AND TOXICITY STUDY**

Toxicity study performed on mice in the animal house showed that the composition is free of adverse effects especially on liver, kidneys, lipid and other body organs.

## **6 | CONCLUSION**

This patented botanical ozonated oil mix was successfully used for more than 10 years with excellent results and no single side effect was observed throughout the whole period hence it is expected to help hundreds of millions of worldwide. Double blind is still needed to give more reliable results.

## **ACKNOWLEDGEMENT**

Efforts of Dr .B. Khasawneh during the course of this study is highly appreciated.

## **CONFLICT OF INTEREST**

None

## **REFERENCES**

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