

Limonene Oil

Limonene Oil

Premier Aid To Relieve Pain and Inflammation

Works Great Outside

- Helps clear painful, stiff areas rapidly
- Helps clear skin problems of all kinds
- Helps create a blemish-free, smooth skin
- Premier skin and pore toner

Works Great Inside

- Helps improve digestion on-the-spot
- Helps dissolve gall stones (confirmed by medical research)

Get The Best Limonene Oil

- Whole orange peel concentrate extracted by a double-distillation process
- No pesticides, residues or toxic chemicals
- Buffered with ionic calcium so it is pH-balanced (Without this buffering, orange oil is too acidic)

What Is Limonene?

Limonene is a naturally occurring simple monoterpene found in high concentration in orange peels. It has a pleasant citrus fragrance, is relatively safe, and is highly effective as an organic solvent.

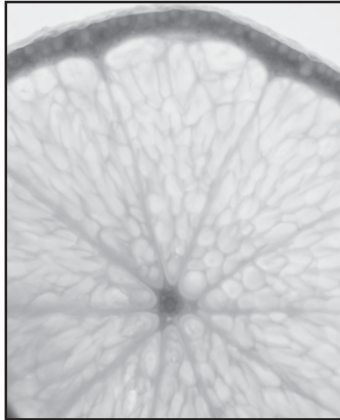
PH-Balanced Limonene

First, the whole orange peel is extracted, which keeps all of its synergistic compounds intact, including its high content of limonene. However, this essential oil concentrate naturally has a very acid pH. It is too acidic to use directly on the skin or to take straight orally. (It can cause burning or rashes.)

A new, innovative process buffers the essential oil by first using a unique double distillation process, then buffering the acid pH to a comfortable neutral pH zone, using ionized calcium. This is the only buffered limonene oil currently available. Many doctors have found the most potent biological effects with their patients by using this pH-balanced oil, rather than using unbuffered limonene.

Dissolving Gallstones Naturally

Because of the natural solvent property of limonene, it has successfully dissolved cholesterol gallstones in people.



The maximum total oral dose in these studies was approximately one fluid ounce delivered over several doses. No toxic effects were reported.

Cancer Trials

The prestigious English medical journal, The Lancet, reports that clinical trials are now underway using limonene in pancreatic and colorectal cancers at Charing Cross Hospital in London, UK. Limonene, as found in orange peel extracts, is a simple monoterpene with documented anti-tumor effects.

In 1984, researchers at the University of Wisconsin's cancer center in Madison, Wisconsin, reported the anti-tumor effect of limonene with low toxicity in animal studies. They found limonene and its derivatives inhibit tumor formation and cause tumor regression.

Two mechanisms of how limonene works are being studied. First, in cell cultures, limonene inhibits the post-translational isoprenylation of small G proteins (21-26 kDa) which include members of the ras group of signal transduction proteins that are implicated in carcinogenesis (initiation of cancer). Disruption of isoprenylation by limonene prevents cellular localization and hence protein function.

PH-Balanced Limonene Oil

PH-balanced limonene oil has been clinically tested with hundreds of people and has shown great help in many conditions such as:

- | | | | |
|------------------|-------------------------|-----------------------|-------------------------|
| ● Candida | ● Skin disorders | ● Toothache | ● Poor sense of taste |
| ● Poor digestion | ● Toe nail fungus | ● Tooth abscesses | ● Headaches |
| ● Stomach pain | ● Gall bladder problems | ● Bacterial infection | ● Swollen tonsils |
| ● Constipation | ● Muscle stiffness | ● Fungal infection | ● Sore throat |
| ● Fatigue | ● Arthritis | ● Viral infection | ● Many other conditions |

Fighting Breast Cancer

For years, scientists have known that limonene, a natural compound found in orange peel oil, stops or shrinks breast-cancer tumors in rats. Now they have figured out how: it sends a signal which tells the cancer cells to die. According to chief researcher Randy Jirtle, Ph.D., in the Department of Radiation Oncology at Duke University Medical Center, high doses of limonene increase production and activation of a protein called TGF-beta, that programs the breast-cancer cells in rats to self-destruct. (Reported in *Cancer Research*, September 1, 1993). With such promising animal studies, limonene could prove to be a potent ally in the fight against breast cancer in humans.

Spectacular Clinical Results

Dr. Robert J. Marshall, a well-known clinical nutritionist, has seen spectacular clinical results using pH-balanced limonene oil in the following areas: candida, poor digestion, stomach pain, constipation, fatigue, kidney pain, many types of skin disorders, toenail fungus, gall bladder problems, muscle stiffness, arthritis, toothache and tooth abscess, bacterial, viral and fungal disorders, poor taste sensation, headaches, and painful body areas of all types.

The Ultimate Pain Eraser

Because of the dense electromagnetic field of the highly charged mineral ions used to balance the pH of the limonene as well as the myriads of beneficial phytonutrients naturally contained in the concentrate, the oil acts as a potent natural solvent (but without any toxic chemicals). It's friendly pH makes the limonene oil highly absorptive: it disappears completely into the skin within a few seconds after rubbing it on -- with no greasy residues. This can mean fast, fast relief of painful areas.

Good-bye, Pain

One man had a painful shoulder condition which he had sustained from a too-vigorous massage he had received 3 months previously. The injury had left his shoulder so that he could not raise his arm above his head without pain. Dr. Marshall recommended that he rub a few drops of pH-balanced limonene into the painful shoulder area. Within a few seconds, the surprised man exclaimed, "The pain is completely gone. I can raise my arm without pain!"

Fast Pain Relief

It is hard to believe that pain can be cleared so quickly (within a few seconds), but many doctors have observed this frequently when people have applied the oil to different painful sites of their body. For example, within a minute or two of applying the oil, Dr. Marshall has seen the pain and stiffness disappear from an older retired man with a painful, stiff neck, a middle-aged lady with a painful elbow, a large female chiropractor with a stiff neck and upper shoulder girdle, an athlete with a painful knee, and a 60-year-old realtor who had trouble bending her stiff neck to the side.

One student who had a terrible temporal headache, massaged a few drops of the oil into her temples and her headache immediately began to subside; a few minutes later, it was gone. For best results, apply the oil daily until the painful area becomes completely clear.

Back Pain Cleared

One middle-aged man had a stiff low back that was painful when bending. After a single application of pH-balanced limonene oil (a few drops) massaged into the low back area, he bent over with ease, exclaiming, "I don't believe it! My low back is so much looser -- I can bend about 40% further with no pain within 2 minutes!" In another

case, an athlete began to develop stiffness and pain in his right knee. After applying 2 drops of limonene over the top of the knee, he looked astonished and remarked, "Wow! That stuff really does work fast. I can bend my knee without pain now!"

A Super-Dissolver

pH-balanced limonene oil acts as an excellent carrier for other natural agents (such as herbal extracts or oils), helping the body to quickly absorb them. pH-balanced limonene oil can dramatically help transport other agents into the body -- agents that typically would not have been absorbed so easily or completely. It makes the herbal and nutrient elements in extracts, including homeopathic tinctures, more bio-available.

After dental work, one 35-year-old woman found that several of her teeth had become uncomfortably sensitive with one tooth that was excruciatingly painful. After many days of trying various natural remedies and even pain killer drugs, she could not stop the pain in her tooth. Her health practitioner told her to mix a few drops of pH-balanced limonene oil with a few drops of a premium grade oil of oregano, then massage the mixture into her gums near the painful tooth. Within a few minutes, she found the pain was gone.

Power-Packed Punch

When first beginning the use of pH-balanced limonene, it is best to start slowly. For those who have been chronically ill, begin with only one or two drops a day mixed in water (or other liquids) or food. In severe cases, you may find it best to use a drop or two only 2 to 3 times per week. If you experience any queasiness or burning symptoms in the stomach area, you may need to dilute the limonene in a larger volume of water -- or discontinue use until your tissue pH (as reflected by the first AM urine pH) is more alkaline.

After a period of time (several weeks), you may begin to increase the amount to several drops a day. If larger amounts are used too quickly at first, you may experience increased cleansing symptoms. Use larger amounts with caution. However, larger amounts can provide dramatic results. For example, one young man in his 20's used an entire 1/2 dropper of the oil (mixed with a premium grade oil of oregano) once an hour for one full day in order to rapidly knock out a nasty sorethroat.

Eating Out

Dr. Marshall has also found that pH-balanced limonene oil acts as a natural purifier. Because of the exposure to many chemicals hidden in foods when you eat out, many people like to stir a drop or two of the limonene in a glass of water. As you sip the limonene-enhanced water with your meal, it helps neutralize the food toxins and chemicals.

Suggested Use

External Use: pH-balanced limonene oil may be used externally on painful areas, sinuses, rashes, bites, lumps, bumps, etc. Do not use if allergic to oranges. **Adults:** Typically take 1 drop one to three times daily mixed in food or water. **Children (age 2 and up):** Typically take 1 drop daily in food or water. Avoid contact with eyes or mucus membranes.

Hink, W.F., and Fee, B.J., "Toxicity of D-limonene, The Major Component of Citrus Peel," *J. Med. Entomol.*, July, 1985, vol. 23, no.4:400-404.

International Agency For Research On Cancer (IARC) Monograph on the Evaluation of Carcinogenic Risks To Humans; "Some Naturally Occurring Substances; Food Items and Constituents, Heterocyclic Aromatic Amines and Mycotoxins: The Safety, Toxicology, and Biodegradation of d-Limonene," IARC Working Group (World Health Organization), Lyon, France, vol. 56, 1993.

McCord, Holly, "A Throwaway Breast Cancer Drug?" *Prevention*, Feb., 94, vol. 46, Issue 2, p. 34.

Murry, Terry, "Florida doctor gets a skinful of antimicrobials," *The Medical Post*, October 25, 1994, p.4.