

# MELALEUCA/TEA TREE OIL

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A very important fact to know about *any* Tea Tree Oil is its Terpinen 4-OL (healing) to Cineol (irritation) ratio which must lie within the Australian standards of Terpinen 4-OL/more than 30% and Cineol/less than 15% to be truly safe and effective. The **DYNAMITE<sup>®</sup> TTO** averages a great 38% Terpinen 4-OL to only 5% Cineol. This **TTO** is imported from Australia and, because it is taken from grafted trees, is the most consistent oil on the market. Unfortunately, many others available are cut with pine oil, etc. and can be very caustic.

This amazing natural antiseptic and anti-fungal oil is enjoying a resurgence of popularity world-wide, as people search for natural solutions and alternatives to chemical compounds; it is great for use on both people and animals.

**As an Antiseptic** - Clinically, **TTO** has been accredited with an antiseptic action 11-13x that of carbolic acid. Its Redeal-Walker CoEfficient is 11-13, based on:

Carbolic Acid I

Dettol 3.1979 in standard solution

Solyptol 2.1979 in standard solution

But, these are chemical compounds. **TTO** is a naturally occurring substance which can be used in far stronger solution without risk of irritation.

**As a Germicide** - A solution of only 4 parts essential oil to 1,000 parts water was tested in June, 1980 by N.A.T.A., against the following virulent organisms: *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus* (golden staph), *Candida albicans*, *Aspergillus niger*. The results?

· 7 days - no growth detected for any organism

· 21 days - no growth detected for any organism

· 35 days - no growth detected for any organism

Current laboratory testing has been extended to include the virus responsible for genital herpes. And, prior work carried out with the potent typhoid bacillus has been equally positive.

**As a Bacteriostat** - Results of a Skin Sterilization Trial, conducted on 21.6.83 by and at Associated Foodstuff Laboratories of Australia. BACTERIA COUNT TEST

· swab on unwashed hands. 3,100 per 50 cm.

- swab after washing hands in distilled water. 2,150 per 50 cm.
- swab after tea tree oil wash. less than 3 per 50 cm. **bacteria not detectable.**

We, and others, have used this (and *only* this) **TTO** in all the following ways and more:

- ✓ Although internal usage is not accepted in this country by the FDA, for centuries, Australian aborigines have taken **TTO** internally (the equivalent of 28 drops daily in a gelcap for 3 days) for such things as *candida albicans* and *herpes simplex II*
- ✓ Many vets have found it extremely effective as an antimicrobial flush, in lieu of antibiotics, for broodmares who exhibit positive cultures:
  - mix it at the rate of 5cc's **TTO** injected into 500ml of sterile saline bottle—makes a 1:100 dilution which has proven effective against various pathogens such as staph and strep, pseudomonas, etc.
  - this is a 3 day process using 3 500ml bottles of sterile saline per day
  - **1st day:** use 3 bottles of Sterile Saline 500 ml each with 5 cc of **TTO** injected into it. Insert one bottle into the uterus, hold and then let out. Insert the next bottle, etc, then the same for bottle number 3.
  - **2nd day:** same as the first
  - **3rd day:** flush with *plain* Saline *without* the **TTO**, 500 ml bottles using 3, one after the other, letting the solution out each time between bottles.
- ✓ Can be sprayed onto large open wounds which cannot be touched any other way. One of Mac's daughters once tried to follow her owner, a mounted sheriff, through the trailer escape hatch, and removed a 5# roast-sized chunk from her shoulder; by the time he contacted us, it was nip and tuck for her with terribly necrotized tissue, extreme weight loss and the word that she would be seriously lame for life if she even survived—within 6 mos. of starting the **TTO** spray, diluted 1:110 with olive oil to aid sticking, plus the special Recovery Diet we suggested\*, she was again plying

her trade of being a hale and hearty posse mount and weekend team roper with just a little (1") dimple to show she had ever been injured

✓ For deep wounds, use as a flush with a needleless syringe at a 1:50 ratio **TTO**:sterile saline; very deep wounds may need the addition of a catheter tube on the end of the syringe to get it deep enough; badly infected wounds may require flushing 2-3x per day

✓ It can also be mixed with **Miracle Clay** gel and daubed as a poultice onto insect bites, facial blemishes or bodily acne

✓ Also can be used as a mouth rinse with a few drops diluted in water and swished around or just put a drop on your toothpaste.

✓ Can be used for any kind of wound, cut, pimple, whatever

✓ Seems to promote only healthy tissue regeneration rather than proud flesh growth—especially in lower leg injuries on horses which can be very hard to heal. We had tremendous success using **TTO** when a 5 yr. old racing colt skinned his left hind cannon down into the bone. By the time we got him to CSU, the bone tissue was already dying and had to be debrided down to healthy bone. Put immediately onto the Recovery Diet\*, we began the **TTO** spray after one week of having the vet renew the bandaging (of course we were using copious amounts of **Release** throughout) - that is when we took over. The rate of healing skyrocketed to the point that he was sold as a barrel horse only 3 months after the accident despite all warnings that it would take 9-12 months to perhaps heal.

***Granulation tissue is the basis for all healing.***

Capillaries grow and come together to form granulation tissue. Under normal circumstances, this granulation tissue stops at the skin level and allows skin cells to start growing back over it. In the meanwhile, because granulation tissue is really just a clump of capillaries, it bleeds VERY easily and sometimes copiously. When granulation tissue doesn't stop at the skin level, but keeps going, that's what is called *proud flesh*. Keep in mind too that granulation tissue, because it's just basically capillaries, has no nerve endings so doesn't hurt. Keep-

ing this tissue at bay is a must to prevent scarring, so giving it a good scrub, but not too often, can be necessary if it's getting out of hand although the **TTO** appears to keep it naturally under control. If scarring does occur, that's when the **Wound Balm** can work its wonders.

✓ Also super for thrush in hooves—clean out hoof and frog carefully then squirt in full strength—also in lamina

✓ Great penetrating power similar to DMSO—can get to pus below surface; however, because of this, do not use on insect bites, etc., which contain toxins—will only drive them deeper into system

✓ Can also work in hot tubs—just a few drops—it's anti-bacterial and ant-fungal

✓ Super for vaporizer—just a few drops should do it

✓ Many people use it to thoroughly clean both kitchens and bathrooms without the side effects of bleach; full strength or diluted.

✓ Apparently many cats cannot handle **TTO**, but we have heard of no other species with this problem

**CAUTION: using *TTO* with other medicaments can cause a reaction; it acts much like DMSO in that it will take substances thru the first few layers of tissue**

THIS IS JUST ANOTHER one of the **DYNAMITE**<sup>®</sup> Universal Products we will *never* be without! ■

**\* Equine Recovery Diet**

- 1-2 qts **PGR** 2-4x daily—reduce as pain decreases
- ¼-½C **HES** @ feeding—” or increase if horse cannot eat grain  
(horses can lose weight at an alarming rate when in severe pain)
- 2 squirts **DynaPro** @ feeding
- ½-1 oz. **DynaSpark** @ feeding
- max dose **SuperStress** daily for 2 weeks then switch to maintenance dose **HisCorbadyne** for 4 weeks
- 1 dropperful **TMC** daily 3-5 days then 5-10 drops daily for 2-3 wks

**Plus**

free choice fresh clean water and good grass hay  
**NTM, IZmine, & 1-2:1**