dōTERRA®

Product Information Page

On Guard®
Cleaner Concentrate

CPTG® Made with Certified Pure Therapeutic Grade® Essential Oils

Product Description

On Guard Cleaner Concentrate is designed to be the ideal natural cleaner. It is fortified with dōTERRA's proprietary On Guard Protective Blend of wild orange, clove bud, cinnamon, eucalyptus, and rosemary CPTG essential oils that naturally defend against surface-dwelling contaminants and microbes. This powerful essential oil blend is combined with plant-based derivatives that provide a non-toxic and biodegradable way to clean and eliminate odors. It is safe for your family as well as the environment. The multi-purpose capabilities of On Guard Cleaner Concentrate make it perfect to expertly clean hard surfaces in the kitchen, bathroom, or any room leaving behind a clean and invigorating scent.

Concept

A safe and clean house is the basis for keeping you and your family free of sickness and infectious disease. With more than one billion cold and flu symptoms reported each year, as well as many other gastrointestinal and skin infections, it has never been more important to keep your living area germ-free. Bacterial growth is most frequent in kitchens, bathrooms, laundry rooms, and office spaces. Many of these infectious germs and microbes can reproduce quickly in the body which can cause illnesses. More often than not, commonly used disinfecting cleaners contain harmful chemicals and produce a toxic effect. Also, 92% of poison exposures occur in the home. According to the American Association of Poison Control centers, 8.6% of poison exposures come from household cleaning products.

There is a vast amount of research supporting essential oils and their effectiveness against surface dwelling microbes. Because of the complexity of the chemical constituents found in essential oils, super germs find it difficult to build resistance. On Guard Protective Blend has been found to exhibit significant inhibitory effects on contaminants. The essential oils found in On Guard have been researched for effective antimicrobial properties and thus are essential for everyday natural cleaning protection and use.

On Guard Cleaner Concentrate is the perfect way to keep your living space safe and clean. dōTERRA combines the power of On Guard Protective Blend with gentle plant derived ingredients for a naturally effective and protective defense against surface-borne pathogenic organisms. Because the essential oils in On Guard Cleaner Concentrate are Certified Pure Therapeutic Grade, you don't have to worry about irritations caused by impurities such as pesticides or other contaminates. The gentle, natural, and biodegradable surfactants also provide peace of mind when cleaning surfaces that are frequently touched by children as well as adults. On Guard Cleaner Concentrate is formulated to be safe for the whole family.

Primary Benefits

- On Guard Cleaner Concentrate cleans and protects by eliminating seasonal and surface-borne threats
- One bottle of On Guard Cleaner Concentrate creates 12 spray bottles to use as a multi-purpose cleaner
- One bottle of On Guard Cleaner Concentrate cleans 24 loads of laundry
- One bottle of On Guard Cleaner Concentrate cleans 6 sink loads of dishes
- The spice and citrus aromas of the essential oils in On Guard Protective Blend invigorate the senses during and after use
- Free of petroleum, ammonia, chlorine bleach, borates, phosphates, nitrates, and volatile organic cleaning compounds

What Makes This Product Unique

- Contains a full 5 ml bottle of On Guard Protective Blend, dōTERRA's proprietary Certified Pure Therapeutic Grade essential oil blend
- On Guard Protective Blend contains essential oils known to be cleansing and protective against seasonal and surface-borne threats
- On Guard Cleaner Concentrate is economically and ecologically packaged in a 12 oz bottle
- Natural formula effectively cleans without harsh chemicals
- Formulated according to dōTERRA's "NONE OF THE BAD" philosophy, meaning it does not contain artificial colors, diethanolamine (DEA), formaldehyde donors, parabens, phthalates, propylene glycol, sodium laureth sulfate (SLES), sodium laurel sulfate (SLS), toluene, or triethanolamine (TEA). Product not tested on animals.

Key Ingredients

- Proprietary On Guard Protective Blend of wild orange, clove, cinnamon, eucalyptus, and rosemary CPTG essential oil provides natural protection against germs and other harmful microbes on surfaces
- Plant-based ingredients help improve the cleaning process as well as contribute to a product that is safe for you and your family as well as the environment

Who Should Use This Product

Any person who wants a safe and natural alternative to harsh, chemical cleaners as well as the added benefit of fighting off harmful surface-dwelling contaminants with the power of essential oils.

Directions for Use

MULTI-PURPOSE CLEANER: Mix 2 Tbsp (1 oz) of concentrate per 24 oz water.

LAUNDRY: Use 1 Tbsp of concentrate with detergent to help eliminate odors and microbes.

BATHROOMS: Mix 3 Tbsp of concentrate per 24 oz water.

DISHES: Mix 3 Tbsp of concentrate per gallon of water.

TOUGH JOBS: Apply concentrate directly on designated area and let soak. Avoid direct use of concentrate on hardwood floors and natural stone.

Ingredients:

Water, Polysorbate 20, Decyl Glucoside, Sodium Methyl 2-Sulfolaurate, Cetyl Betaine, Tetrasodium Glutamate Diacetate, *Citrus sinensis* (Wild Orange) Essential Oil, *Eugenia caryophyllata* (Clove Bud) Essential Oil, *Cinnamomum zeylanicum* (Cinnamon Bark) Essential Oil, *Eucalyptus radiata* (Eucalyptus) Essential Oil, *Rosemarinus officinalis* (Rosemary) Essential Oil, Disodium 2-Sulfolaurate

On Guard Cleaner Concentrate

12 oz / 355 ml

Item code: 3814
Consultant price: $14.50
PV: 10
Preferred member price: $15.47
Suggested retail price: $19.33

References

On Guard® Protecting Blend

Published by the First Affiliated Hospital of Soochow University, in partnership with doTERRA, University of Oklahoma studied On Guard® with influenza virus. Conclusion stated the lack of toxicity and potent scientific inhibition ability makes the essential oil a possible antiviral drug for influenza virus proliferation control and treatment. Wu, S., et al., *Protective essential oil attenuates influenza virus infection: an in vitro study in MDCK cells.* BMC Complement Altern Med. 2010 Nov 15;10:69.

Mayaud, L., et al., *Comparison of bacteriostatic and bactericidal activity of 13 essential oils against strains with varying sensitivity to antibiotics.* Lett Appl Microbiol. 2008 Sep;47(3):167-73.

Prabuseenivasan, S., et al., *In vitro antibacterial activity of some plant essential oils.* BMC Complement Altern Med. 2006 Nov 30;6:39.

Wild Orange

Loyola College of India evaluated the antibacterial activity of 21 plant essential oils against six bacterial species. Nineteen of the oils showed antibacterial activity against one or more strains and orange oil was included in the few that exhibited significant inhibitory effects.
Prabuseenivasan, S., et al., *In vitro antibacterial activity of some plant essential oils.* BMC Complement Altern Med. 2006 Nov 30;6:39.

Hammer, KA., et al., *Antimicrobial activity of essential oils and other plant extracts.* J Appl Microbiol. 1999 Jun;86(6):985-90.

Kivanc, M. and Akgül, A., *Antibacterial activities of essential oils from Turkish spices and citrus.* Flav and Frag Journ. 2006 Apr;1(4-5):175-9.

O'Bryan, CA., et al., *Orange essential oils antimicrobial activities against Salmonella spp.* J Food Sci. 2008 Aug;73(6):M264-7.

Clove Bud

An Italian study evaluated 13 essential oils. Clove and cinnamon showed strong action as antimicrobial agents for the treatment of some respiratory tract infections in man. Fabio, A., et al., *Screening of the antibacterial effects of a variety of essential oils on microorganisms responsible for respiratory infections.* Phythother Res. 2007 Apr;21(4):374-7.

Chaieb, K., et al., *The chemical composition and biological activity of clove essesntial oil, Eugenia caryophyllata (Syzigium aromaticum L. Myrtaceae): a short review.* Phytother Res. 2007 Jun;21(6):501-6.

Astani, A., et al., *Screening for Antiviral Activities of Isolated Compounds from Essential Oils.* Evid Based Complement Alternat Med. [Epub].

Friedman, M., et al., *Bactericidal activities of plant essential oils and some of their isolated constituents against Campylobacter jejuni, Escherichia coli, Listeria monocytogenes, and Salmonella enteric.* J Food Prot. 2002 Oct;65(10):1545-60.

Cinnamon Bark

After testing five plant extracts against multidrug resistant strains of bacteria, Aligarh Muslim University found that cinnamon and clove could be used against multidrug resistant microbes causing community acquired infections. Khan, R., et al., *Antimicrobial activity of five herbal extracts against multi drug resistant (MDR) strains of bacteria and fungus of clinical origin.* Molecules. 2009 Feb 4;14(2):586-97.

Goni, P., et al., *Antimicrobial activity in the vapour phase of a combination of cinnamon and clove essential oils.* Food Chem. 2009 Oct;4(116):982-9.

Nuryastuti, T., et al., *Effect of cinnamon oil on icaA expression and biofilm formation by Staphylococcus epidermidis.* Appl Environ Microbiol. 2009 Nov;75(21):6850-5.

Eucalyptus

An interesting study tested Eucalyptus, high in compound 1,8-cineole against clinically relevant microorganisms and biofilm cultures. Eucalyptus enhanced antimicrobial activity against a wide range of microorganisms in the healthcare setting. Hendry, ER., et al., *Antimicrobial efficacy of eucalyptus oil and 1,8-cineole alone and in combination with chlorhexidine digluconate against microorganisms grown in planktonic and biofilm cultures.* J Antimicrob Chemother. 2009 Dec;64(6):1219-25.

Serafino, A., et al., *Stimulatory effect of Eucalyptus essential oil on innate cell-mediated immune response.* BMC Immunol. 2008 Apr 18;9:17.

Ashour, HM., *Antibacterial, antifungal, and anticancer activities of volatile oils and extracts form stems, leaves, and flowers of Eucalyptus sideroxylon and Eucalyptus torquata.* Cancer Biol Ther. 2008 Mar;7(3):399-403.

Rosemary

Rosemary illustrated significant rates of antifungal and antibacterial activity against strains such as Escherichia coli, Salmonella typhi, etc. Rosemary also showed high inhibition of lipid peroxidation (cell damage) according to a study conducted by the University of Novi Sad. Bozin, B., et al., *Antimicrobial and antioxidant properties of rosemary and sage (Rosmarinus officinalis L. and Salvia officinalis L., Lamiaceae) essential oils.* J Agric Food Chem. 2007 Sep 19;55(19):7879-85.

Baratta, M., et al., *Antimicrobial and antioxidant properties of some commercial essential oils.* Flav and Frag Journ. 1998 Jul-Aug;4(13):235-44.

Lugman, S., et al., *Potential of rosemary oil to be used in drug-resistant infections.* Altern Ther Health Med. 2007 Sep-Oct;13(5):54-9.

van Vuuren, SF., et al., *The antimicrobial activity of four commercial essential oils in combination with conventional antimicrobials.* Lett Appl Microbiol. 2009 Apr;48(4):440-6.