



MEDICINES THAT PREVENT FUNGAL DISEASES

O'tayeva Sitora Malik qizi

Student of Karshi State University,

Republic of Uzbekistan Karshi

E-mail:setora3101@gmail.com

Abstract

This article provides information on the most effective and inexpensive remedies for the prevention of fungal diseases that are currently common in humans.

Аннотация

В данной статье представлена информация наиболее эффективных и недорогих средствах профилактики грибковых заболеваний, распространенных в настоящее время у человека.

Keywords: Fungal diseases, dermatophytes, complex ethers, thyme medicinal plant, propagation medium yeast fungi, Candida dimorphic fungi, fungicidal effect.

Ключевые слова: Грибковые заболевания, дерматофиты, сложные эфиры, лекарственное растение тимьян, среда для размножения, дрожжи, диморфные грибы Сандиде, фунгицидное действие.

Introduction

Fungal diseases- pathological condition of the organism, caused by the vital activity of microorganisms parasitizing the skin and mucous membranes of humans and animals. Infection occurs through close contact with a defective part of the human or animal body, as well as contact with contaminated items of the patient. More than 100,000 species of fungi are known, of which about 500 are pathogenic for humans and animals, that is, they cause disease. Fungal diseases are transmitted from a patient or an infected item. They are resistant to various factors of the external environment, such as open water bodies, blankets, clothing, carpets, and hair, and remain infectious for several years. Environmental disturbances, various



drugs, antibiotics, excessive or long-term intake, or the presence of serious diseases such as, tumors diabetes often accelerate the development of fungal diseases. Under the influence of such factors, the activity of the body's immune system weakens and favorable conditions are created for the growth of fungi. In addition, there is risk of infection with fungal diseases when visiting beauty salons, haitdressers, swimming pools baths, manicure salons. Usually, all fungal diseases begin with a light and imperceptible itching of the skin. Simple preventive measures should be followed to prevent fungal diseases. Follow the rules of personal hygiene: a person should use his own comb, shoes. It is recommended to wash hands thoroughly after being in close contact with animals such as, cats, dogs, cows, horses.

We know that esters offer some valuable benefit it is general, but not all esters are exactly the same though many share similar properties. Since esters include a whole group of compounds. Let's take a moment to look at which esters, particular are in especially high demand throughout the personal care market today. Forexample: **Decyl Oleate, Triethyl Citrate-C₁₂H₂₀O₇, Alkyl Benzoate-C₁₂-15, Triolein-C₅₇H₁₀₄O₄, Isopropyl Palmitate, Isopropyl Myristate-C₁₇H₂₄O₂.**

1.Decyl Oleate chemical name is 9-Octadecenoic acid (Z)- decyl ester. It is made from straight-chained decyl alcohol and oleic acid, fatty acid naturally derived from plant and animals sources, such as avocados, canola oil or lard. This ester is commonly used in all sorts of person care products, including skin care products and make up. This type of ester lubricates skin without leaving a tacky or greasy feel. One of the primary benefit it's of Decyl Oleate in personal care is that it aids in both the application and removal of make up.

C₁₂-15 Alkyl Benzoate is a liquid that contains benzoic acid and alcohols that have anywhere from a 12 to 15 carbon chain length. This ester has a wide range of applications. **C₁₂-15 alkyl Benzoate** works as a skin care is very common, it can be found in products such as skin lotions, sunscreens, color



cosmetics, skin creams, baby products, nail care products, eye, make up shaving products, bath products. Commonly used in personal care and cosmetics manufacturing, C12-15 Alkyl Benzoate is a clear, soluble, low viscosity liquid. The solution consists of a mixture of various benzoic acid esters containing benzoic acid and alcohols with carbon chain lengths ranging from 12 to 15. Alkyl Benzoate features a lower molecular weight than many other personal care esters and offers excellent emolliency. It is a key ingredient in skin lotions and other personal care products that improve the softness off dry skin.

Alkyl Benzoate Properties

Alkyl Benzoate is the silkiest off all the personal care esters, making it a prelo makes the oils in other skin care products feel less greasy. As such, Alkyl Benzoate often serves as an effective lubricant anti -tackiness agent, binder and wetting agent for various mineral make up products. Although Alkyl Benzoate is odorless, it acts as a fragrant fixative, meaning it will cause the scent of perfumes and body sprays to longer linger. Alkyl Benzoate also exhibites high polarity, enabling it to solubilize silicones and oils.

MSDS information for Alkyl Benzoate

The Alkyl Benzoate safety sheet indicates the product the for as use as a cosmetics/personal care ingredient. However, it may cause irritation to eyes. In the event of exposure, errigate the eyes with a stream of water for approximately 15-20 minuts seek immediate medical attention. The Alkyl Benzoate is accidentally ingested, induce vomiting and seek midical treatment. Users who experience skin irritaton after application should throughly wash the affected are and seek medical treatment if symptoms persist.

Why Choose Acme-Hardesty as your Alkyl Benzoate Supplier.

Acme-Hardesty offers more than 70 year of oleochemical industry experience and expertise. Our passion for dileviring superior castomers service sets us apart from our competitors. As one of the largest distributors of personal care esters, we have



the right product for your manufactures needs. Contact us to learn more about our Alkyl Benzoate product offerings today. Triethyl Citrate is a trester of ethyl alcohol and citric acid that appears as a colorless adorless liquid. Citric and acid weak in citrus fruits and others food and plants and is used to preserve and folovers foods and beverages.

in personal care Triethyl Citrate is used in infant care products, bath products, criams and lotions, cosmetic sprays and many other types of personal care products. It is also an activi ingrident in may chemical skin peels.

Decyl Oleate

References

- 1.О' Pratorv, А.То'xtayev, F. Azimova Toshkent " O'zbekiston 2013" Botanika
- 2.Климко. Н, Н. Микоз: диагностика и лечение 2008
- 3.МашковскийМ.Д. Лекарственный средства.И.Том. Ташкент Медицина 1987Г.
- 4.Машковский М.Д. Лекарственный средства. 2.Том. Тошкент.Медицина 1987Г.
- 5.Азизова С.С .Фармакология."Yangi asr avlodi"-2006.
- 6.[https: /oxford -med.com.ua](https://oxford-med.com.ua)