

Review Article

Kalon Leaur Concentrated Floor Cleaner Powder: An Unique Advanced Formula Removes Tough Stains With No Hazardous Chemicals

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Cleansers and disinfectants are essential requisites for removal of offensive odour, dirt, contaminants and to provide sparkling clean looks. Various household cleaning products have been developed to facilitate the removal of dust and dirt, for surface maintenance and for disinfection of the home. These are the substances, usually liquid in nature that are used to remove the dirt, including dust, stains, bad smells and clutter on surfaces. A good cleansing agent must be effective in removing dirt and also in maintaining low levels of micro-organisms. Different methods of floors cleaning are followed in each household and accordingly the preference for cleanser varies. Among the many active ingredients surface and floor cleaners contain, the most common ones are Ethanol – a fluid that acts as sanitizer; Isopropyl alcohol – which is partly responsible for the disinfectant's strong odour; antiseptics such as p-Chloro-o-benzylphenol, o-Phenylphenol, and lactic acid. However, the ones that are supremely toxic and must be checked for on the label are Perchloroethylene, Triclosan, and 2-Butoxyethanol. They're potentially hazardous to health if one's exposed to them on a regular basis. chemicals found in cleaners and disinfectants can actually make bacteria stronger and harder to tackle. Biocides, for example, are used in low level in many disinfectants to kill microbes. However, these components can make bacteria such as Staphylococcus aureus—a common cause of infections and, even, MRSA—increasingly biocide-resistant. And this can make killing harmful microbes harder and harder. Some disinfectants include toxic chemicals and components. While, on the surface, they may seem safe for everyday use, it's possible that even infrequent exposure can lead to severe reactions. Phenol, for example, is a main ingredient in cleaning products including Spin-n-Span and Lysol—it's also been linked to heart and circulatory system damage and respiratory, liver, kidney and eye problems. The present Article Reviews the role of Kalon Leaur concentrated floor cleaner powder, An Advanced formula removes tough stains with no hazardous chemicals

Keywords: Lactonova, Floor Cleaner Powder, Lysol, circulatory system damage.

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[Makers of Kalon Leaur concentrated floor cleaner powder](#)

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1. Introduction

A beautifully constructed house needs proper care for clean, healthy and comfortable environment. The purpose of cleanliness includes removal of offensive odour and dirt/contaminants and to provide sparkling clean looks. Most household surfaces are "hard". and technically, household cleaning is "hard surface cleaning". which includes ceramic surfaces, marble,

granite and stones etc. Among all these, ceramic and marble tiles are widely used in kitchens, bathrooms and for flooring. Regular cleaning of floors, especially kitchen and bathroom is required because without regular cleaning lime scale builds up on tiles and taps, mold grows in wet areas, toilets smells and cobwebs accumulate in the homes.

The accumulation of the dirt and dust creates lots of health issues especially for children and old age persons. Now-a-days many synthetic and green tile cleansers are available in market to facilitate the removal of dust, dirt, and grease from surfaces and to maintain of cleanliness and disinfection of homes. Tile cleanser are usually liquid in nature which help in removing dirt, dust, stains, foul smell and clutter from the surface. But many of these contain strong chemicals and the continuous exposure to such chemicals may lead to various kinds of acute and chronic ailments right from allergic cold, skin irritation to serious diseases like bronchial asthma and cancer. Chlorinated phenols found in toilet bowl cleaners are toxic to respiratory and circulatory systems. Ethylene glycol found in window cleaners depresses the nervous system. Phenols found in disinfectants are toxic to respiratory and circulatory systems. Petroleum solvents in floor cleaners damage mucous membrane. Perchloroethylene, a spot remover causes liver and kidney damage. Butyl cello solve, common in all-purpose, window and other types of cleaners, damages bone marrow, the nervous system, kidneys and the liver. Therefore, one need to vigilant in selection and use of these cleansers.

2. What chemicals do our floor cleaners contain? Are they toxic?

Among the many active ingredients surface and floor cleaners contain, the most common ones are Ethanol – a fluid that acts as sanitizer; Isopropyl alcohol – which is partly responsible for the disinfectant's strong odour; antiseptics such as p-Chloro-o-benzylphenol, o-Phenylphenol, and lactic acid.

However, the ones that are supremely toxic and must be checked for on the label are Perchloroethylene, Triclosan , and 2-Butoxyethanol. They're potentially hazardous to health if one's exposed to them on a regular basis.

What do the symbols on the packaging mean?



Fig. 1. Symbols on floor cleaner labels

Almost all the floor cleaners come with a few symbols on their labels. The most common ones are:

- Keep out of the reach of children and pets—Keep them inside a difficult-to-reach cabinet, because once ingested they can be harmful or even fatal.
- Can cause eye and skin irritation—The dangerous fumes from chemicals and harmful ingredients like ammonia and bleach can cause skin burns, and can cause blindness if they come in contact with eyes.
- Wash hands thoroughly after handling—The leftover chemicals from these products can cause dermatitis; a condition that involves itchy, dry, flaky skin or a rash on swollen, reddened skin.
- Don't mix with other household cleaners—Mixing different cleaners can be hazardous because the chemicals may react negatively to cause harmful gases or vapours, corrode the surface you're going to clean, or simply lose their effectiveness.
- Keep away from direct sunlight—Chemicals in the cleaners react negatively with direct sunlight causing damage to the efficiency of the product.

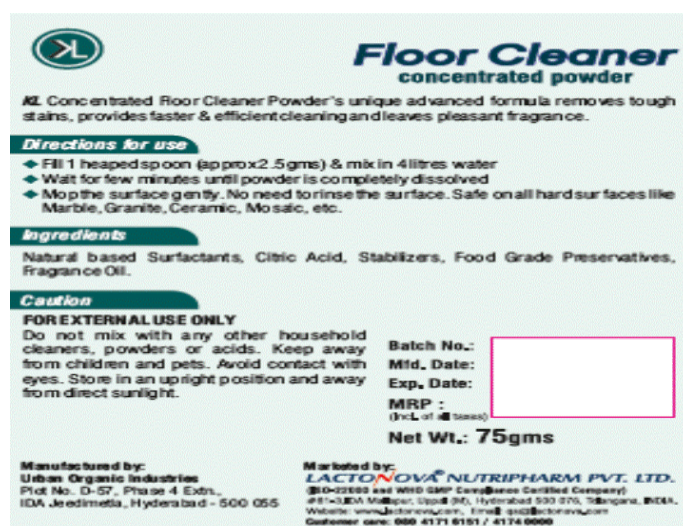


Fig. 2. Direction for use and Ingredients of Lactonova Dishwasher

3. What can you use instead?

Everyone wants clean, sanitary floors in their business or workspace. But, often, in trying to get floors clean

we actually do more harm than good. Why? Because some of the most common floor cleaners and disinfectants have harmful and damaging side effects to your space and, even, to people in your space. What to consider before grabbing that disinfectant?

4. Chemicals Making Bacteria Stronger?

Believe it or not, some chemicals found in cleaners and disinfectants can actually make bacteria stronger and harder to tackle. Biocides, for example, are used in low level in many disinfectants to kill microbes. However, these components can make bacteria such as *Staphylococcus aureus*—a common cause of infections and, even, MRSA—increasingly biocide-resistant. And this can make killing harmful microbes harder and harder.

5. Ingredients Hazardous To Your Health

Some disinfectants include toxic chemicals and components. While, on the surface, they may seem safe for everyday use, it's possible that even infrequent exposure can lead to severe reactions. Phenol, for example, is a main ingredient in cleaning products including Spin-n-Span and Lysol—it's also been linked to heart and circulatory system damage and respiratory, liver, kidney and eye problems.

And phenol is just the beginning—many cleaners and disinfectants include harmful components such as formaldehyde, petroleum solvents, triclosan and butyl cellosolve, an ingredient in many all-purpose and glass cleaners that's been linked to kidney, bone marrow, liver and nervous system damage.

6. Is It Really Cleaning Your Floors?

Many floors have natural cracks, crevasses and breaks—and that's where germs, bacteria and even pests can hide. Keep cleaning your floors and, chances are, you'll only make the problem worse—cleansers and water can easily work their way into the cracks, fueling growths even more.

Not only are these products harmful when pets consume them, but they can do serious damage when animals simply walk on the floors. Ammonia, chlorine, glycol ethers and formaldehyde has been linked to everything from anemia to cancer to lung damage in animals. Bleach is an alkali and can easily erode a dog

or cat's paw pads. What's more, phenol can be absorbed through a cat's skin—and even a small amount can lead to illness or, even, death.

7. Conclusion

A good cleansing agent must be effective in removing dirt and also in maintaining low levels of microorganisms. Different methods of floors cleaning are followed in each household and accordingly the preference for cleanser varies. Among the many active ingredients surface and floor cleaners contain, the most common ones are Ethanol – a fluid that acts as sanitizer; Isopropyl alcohol – which is partly responsible for the disinfectant's strong odour; antiseptics such as p-Chloro-o-benzylphenol, o-Phenylphenol, and lactic acid.

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