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# DD-101 FAQs

DD-101 is the innovative new cleaner that will revolutionize your thinking about cleaning and cleaning products! Just one product can be used for virtually every cleaning job you have, big or small, tough or easy, with total safety. DD-101 is tough enough to degrease a diesel engine, safe enough to wash a baby, and versatile enough to do every imaginable cleaning job in between.

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that I have to go outside. Is it safe to use DD-101 in an enclosed environment (like a bathroom)?

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1. What is DD-101?

DD-101 is, simply, pure “soap”. But it’s not just the soap you’re used to. It’s soap with an attitude! Because of its unique formula, DD-101 cleans better than any currently available soap, detergent or other type of cleaner on the market. It is an industrial strength cleaner that’s still gentle and safe enough to use on a baby. [\(top\)](#)

2. How does DD-101 work?

The secret to DD-101’s unmatched cleaning and degreasing performance is in the size and the action of the molecules that make it up. DD-101 has extremely small molecules called “colloidal micelles”. These micelles are so tiny and so active that they can penetrate the much larger oil and grease molecules, and, acting like tiny jackhammers, actually break apart those molecules into biodegradable components. You will be amazed to see oil and grease literally “melt away” when DD-101 is applied! No other soap or cleaner has “colloidal micelle” action, which is why DD-101 outperforms them all. [\(top\)](#)

3. What’s in DD-101?

DD-101 is a proprietary, bio-based formula consisting of fatty acids, vegetable- and plant-based enzymes and minerals, organic alcohol, coconut oil, folic acid, and natural vanilla, mixed with de-ionized water. All of DD-101’s ingredients are found on the Food and Drug Administration’s (FDA) “Generally Recognized as Safe” (GRAS) List. Because of this safety factor, NO WARNING LABEL OF ANY KIND is required to be placed on DD-101 by any Federal, State or municipal agency. [\(top\)](#)

4. What can I use DD-101 for?

Quite simply, anything and everything washable. DD-101 is a multi-purpose cleaner, and the applications are limited only by your imagination. Household cleaning (kitchen, bathroom, furniture, carpets, floors, etc.), automotive, garage/workshop, laundry, dishes, personal care, pet care, fruit and vegetable wash... the list goes on and on. DD-101 also has some surprising and unusual uses too. It kills many insects, mechanically removes bacteria and viruses, kills fleas, ticks and head lice, eases the discomfort of poison ivy/oak/sumac, is a paint/tar remover, and can be used to clean up spills/accidents involving toxic chemicals, too. Our user guide lists over 250 uses, and we’ll bet that with some imagination you can come up with several more yourself.

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5. Do I have to rinse DD-101 ?

Rinsing DD-101 from most surfaces is not necessary, and leaving a residue is desirable in cases where mechanical removal and suppression of germs and viruses is a concern. However, DD-101 should be used in weak dilutions and rinsed completely from any oil-based surface. Varnished or painted furniture, painted walls, linoleum tiles, or any object or surface that should not be exposed to water (e.g., leather) are examples. Also, for using DD-101 on fabric, carpet or upholstery stains, test clean an inconspicuous area first to determine if DD-101 will affect the color of the fabric. [\(top\)](#)

6. What makes DD-101 different (and better) than other soaps and cleaners?

There are four questions that people should ask before buying and using any cleaner.

Is it absolutely safe (nontoxic)?  
Is it earth-friendly (biodegradable)?  
Does it work (industrial strength)?  
Is it versatile (multiple uses)?

Most commercially available cleaners and detergents work fine, but they are usually highly toxic and are not biodegradable. Many “green” cleaners are “organic and biodegradable”, but not nontoxic. Some are truly nontoxic, but they don’t clean very well. And, most cleaners have single or limited applications. Of all the soaps, detergents and cleaners on the market today, only DD-101 can give a resounding “YES” answer to all four questions. There’s no reason to buy any other cleaner for any other purpose! [\(top\)](#)

7. How can DD-101 kill bugs but not harm people?

It is true that DD-101 kills many types of insects, but it is NOT poisonous to them. Rather, it affects their shells (exoskeleton). Because an insect’s exoskeleton is composed of oil-based molecules, DD-101’s colloidal micelle action has the same effect on it as it would any other oil or grease molecule. It dissolves it. Because mammals are not oil-based, but rather aqueous (water)-based, DD-101 is absolutely harmless to humans and animals. [\(top\)](#)

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8. Is DD-101 truly nontoxic?

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DD-101 has been laboratory tested (for VOCs, SVOCs/POMs, Biocides, Pyrethroids, PCBs, PAHs, Organophosphates and Phthalates) and found to be absolutely nontoxic and harmless to humans and animals. It is so safe that even chemically sensitive people can use it with complete confidence and safety. Refer to test report. [\(top\)](#)

9. My family member has cancer. Is it safe to use DD-101 on or around him/her?

DD-101 is the only cleaning product that should be used in any situation involving cancer or any other chronic disease because of its unrivaled cleaning ability, its non-toxicity and biodegradability, its ability to mechanically remove germs and viruses, and its ability to denature any toxic chemicals that may be in the immediate environment. [\(top\)](#)

10. Will DD-101 help eczema or other skin irritations or allergies?

For anyone with any kind of skin irritation or allergy, DD-101 is the ONE product to use for personal cleaning AND for cleaning clothing and linens. Ordinary soaps, shampoos and laundry detergents all have toxic chemicals that leave a residue on the body or in clothing. These residues are absorbed by and continue to irritate the skin. Only DD-101 can be used without fear of irritation or an allergic reaction, AND will remove/denature the toxins left behind on the skin and in clothing by using commercial cleaning and laundry products. [\(top\)](#)

11. What would happen if my baby drank DD-101?

In a word, nothing! Of course, we don't recommend drinking DD-101, but the fact is that it is so safe, it is harmless regardless of amount that may be ingested. The most serious aftereffect of drinking a large amount of DD-101 would occur if one had just also eaten a particularly oily or greasy food (such as French Fries). In such a case, due to the emulsification of the oils by the DD-101, a person might develop a mild case of diarrhea. Some people even use DD-101 for brushing their teeth or as a mouthwash! It is actually safer than many commercially available tooth pastes (many of which have a poison warning label on them in case of accidental ingestion!) [\(top\)](#)

12. I'm Multiply Chemically Sensitive (MCS). Can DD-101 help clean up my home environment and auto interior from the building materials (Formica, fiberglass, plastics, paints, fabrics, etc.) that are "outgassing" toxic chemicals? **6**

Yes!! DD-101 actually denatures toxins and drastically reduces the outgassed emissions of these substances. [\(top\)](#)

13. Can I use DD-101 to clean automotive equipment/parts or machinery?

Absolutely! DD-101 is the best degreaser on the planet. Just keep away from any parts that shouldn't be exposed to water (electrical parts or equipment), and be sure to rinse and dry thoroughly to prevent rust or corrosion. [\(top\)](#)

14. Is it true that DD-101 will remove head lice?

Yes! Unlike the currently available prescription head lice preparations (which are so highly toxic that they should not be used more than twice in a LIFETIME!), DD-101 will kill head lice and dissolve the "cement" that glues the nits (eggs) to the hair shaft. And, it will do this with NO toxic effect. The specific procedure to treat head lice is found in our user guide. [\(top\)](#)

15. How come DD-101 doesn't make a lot of "foam"? Is it really cleaning?

DD-101 is a "low sudsing/foaming" formula. But don't let that fool you! Even without the suds, DD-101 is still cleaning more effectively than other products that produce lots more foam. Colloidal micelles don't need to "show off" their strength, they just clean like invisible "scrub brushes". [\(top\)](#)

16. Why does DD-101 come in different colors?

All-natural, nontoxic, food-grade colors are used to "color code" DD-101 for each specific use for easy identification by the consumer. [\(top\)](#)

17. Will DD-101 remove fish odors?

DD-101 is one of the best de-odorizers (of any kind of odor) available anywhere because of its ability to denature organic chemicals. [\(top\)](#)

18. I see alcohol as an ingredient on the DD-101 label. Will DD-101 dry my skin or hair, or my child's?

Organic alcohol is used in the DD-101 manufacturing process to catalyze the soap-making reaction. However, most, if not all of the alcohol evaporates before bottling. So, DD-101 is not only “non-drying”, but, with its coconut oil, is actually moisturizing to skin and hair. [\(top\)](#)

19. Is DD-101 an “antibacterial”?

DD-101 has been laboratory tested and shown to kill bacteria such as E. Coli, Pseudomonas aeruginosa and Salmonella even at concentrations of 30 parts water to 1 part DD-101! However, FDA regulations require that any product labeled as an “antibacterial” must, by law, contain a registered pesticide, which is a toxic chemical. In order to maintain absolute non-toxicity, we won't add any toxic chemicals of any kind to DD-101 just to be able to put “antibacterial” on the label. But, DD-101, as is, is just as effective as most commercially available antibacterials. . . , and is still perfectly safe! Refer to test report. [\(top\)](#)

20. Can I use DD-101 to clean blood and other body fluids?

Because DD-101 dissolves organic substances so well, and removes germs and viruses, it is an excellent choice to clean blood and/or other body fluids. [\(top\)](#)

21. What does “dwell time” mean?

“Dwell time” is simply the amount of time DD-101 is allowed to “sit” on a surface after it is applied and before it is wiped or scrubbed off. The longer the dwell time, the more time the colloidal micelles have to work their “magic” in dissolving oil, grease and dirt. [\(top\)](#)

22. Why doesn't DD-101 have any “warning” on its label?

Because all of DD-101's ingredients are on the Food and Drug Administration's GRAS ( “Generally Recognized as Safe” ) List, and it is totally nontoxic, no warning label of any kind is required by any Federal, State or Municipal agency. [\(top\)](#)

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23. Is there anything that DD-101 won' t clean, or that I shouldn' t use DD-101 to clean?

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DD-101 can be used to clean anything washable with water. [\(top\)](#)

24. When I clean my bathroom/oven/kitchen with other cleaning products, the fumes are so noxious that I have to go outside. Is it safe to use DD-101 in an enclosed environment (like a bathroom)?

DD-101 is the only cleaner tough enough to get bathrooms and ovens sparkling clean and yet safe enough to use in an enclosed environment. You can breathe easy, without any more need to “open windows” or “insure proper ventilation” . [\(top\)](#)

25. I have a really tough job - can I use DD-101 as is without adding water?

No. DD-101 will not work effectively unless you add water (aside from stripping oil base paint from furniture or walls). DD-101' s colloidal micelles require water to be active. Each colloidal micelle particle is hydrophilic (attracts water) on one end and hydrophobic (repels water) on the other end. The hydrophobic ends cluster together with those of other particles to form a negatively charged core. The hydrophilic end extends to capture water molecules and is positively charged. This combination forms a very strange molecule that looks much like a sea urchin with little spheres on its spikes. When water is added, these strangely appearing molecules start to move, and with a little agitation (brushing or scrubbing) they get moving pretty quickly, breaking down and cleaning up anything in their way. The more water you add, the more active they become. [\(top\)](#)

26. Do I have to keep DD-101 out of the reach of small children?

Unlike other cleaners, even most of the “green” cleaners that can be bought in health food stores; there is NO warning on DD-101 to keep it out of the reach of children. It is absolutely and perfectly safe and harmless to humans of any age, even if it is ingested, inhaled, or absorbed through the skin. [\(top\)](#)

27. Is DD-101 really biodegradable?

DD-101 has been laboratory tested for biodegradability and has been certified to be completely biodegradable in 30 days or less. [\(top\)](#)

28. I read that DD-101 can be used as a shampoo. I use hair dye. Will it take out the color?

While DD-101 is an excellent shampoo for oily, dry or normal hair, it will take out hair coloring. Cosmetologists love to use it on their uniforms to get out spilled hair dye and other chemical stains; DD-101 is also excellent for removing food stains as well. ([top](#))

29. Isn't DD-101 expensive? Why does it cost a bit more than some other "green" cleaners?

DD-101 is manufactured from the finest ingredients available, most of which are known in the industry as "exotics". They are so called because they are not produced in quantities large enough for them to be as inexpensive as other, more commonly available raw materials used for soap making. So, the manufacturing cost of raw materials for DD-101 is higher than that for other comparable products, toxic or nontoxic. Although DD-101 may seem a bit marginal pricey at first glance, it actually is less expensive to use than most other comparable cleaners. Also, and more importantly, using DD-101 regularly instead of toxic alternatives reaps many long-term savings and benefits.

Let's talk price first.

Pricey? DD-101 is designed as an "all-purpose" cleaner. It can be used to replace virtually every other cleaning product of any kind in your home, garage, workplace or school. Even at the suggested retail price of average \$10.6 per liter, this works out to a mere ten cents per ounce, comparable to most other well-known, store bought brands. Further, most cleaning jobs can be effectively done with much more dilute solutions, bringing the average per ounce cost even lower. For example, when you make your own window cleaner from concentrate, the cost is a little more than 1 cent per ounce. That means a 500g bottle of window cleaner costs only about a quarter.

You get what you pay for. DD-101 cleans better than any other comparable product, nontoxic, biodegradable, or toxic. If you buy something that doesn't work as well as you need it to, it doesn't really matter how inexpensive it was - it was a waste and potentially caused damage to you, your family or the environment. DD-101 may seem to cost a bit more, but it will meet or exceed your expectations for performance. And, ask yourself: is continuing to expose yourself and your family to toxic chemicals worth saving a few dollars a month?

Green is beautiful! Perhaps even more importantly, DD-101 pays the “green dividend” in long-term benefits. By using DD-101 for all your household cleaning jobs (replacing ALL the toxic products you’ve been using up to now), you are making your home environment as healthful as it possibly can be, whether you are actively cleaning or not. Regular use of DD-101 will eliminate you and your family’s exposure to toxic chemicals and may reduce toxin-related illnesses and conditions, including respiratory difficulties, colds and flus, allergies, and chronic conditions that arise at least partially as a result of long-term exposure to toxic chemicals. That means fewer “sick days” for you and your kids, along with reducing all the costs (financial, emotional, physical, lost time) resulting from being sick.

Convenience. Instead of buying one or more different products for each household job you need to do (soaps, shampoos, all-purpose cleaners, floor cleaners, glass cleaners, laundry detergent, dish detergent, bathroom cleaner, degreasers, etc.), DD-101 is the one product that replaces ALL of these, and probably outperforms them too. One bottle of DD-101 does it all.

Washing laundry with DD-101 instead of detergents cleans clothes more completely, eliminates toxic residue that may cause skin irritations or allergies, and will not break down the fabrics of your clothes like detergents do. Plus, you can wash in cold water (more green points) Your clothing will be cleaner, fresher, and last longer!

Then there are the environmental benefits. Because it is totally biodegradable and toxin-free, the brown water “runoff” from DD-101 has one of the lowest environmental impacts of any product on the market. Using DD-101 is doing your part to improve the environment for all of us.

Our government is continually putting us on the alert for possible biological/chemical attacks. Having DD-101 on hand should be part of everyone’s “readiness kit”. It is the choice for decontamination of potential terrorist biological or chemical agents.

So, for all that you are getting when you buy and use DD-101, the price tag is actually quite reasonable. Anyone who has used DD-101 and has experienced all that it can do, and how well and how safely it does it, is convinced that DD-101 is “a bargain at any price!” [\(top\)](#)