

Cautions

S4FE-D™ CBRN Decon products are safe and effective when used as directed. S4FE-D™ CBRN Decon should NOT be used in your washing machine. The sudsing action of the cleaner could cause damage to your appliance. S4FE-D™ CBRN Decon products have not been tested on all types of fabrics and obviously not on every possible surface or material in your home. As such, we cannot guarantee that all delicate fabrics or surfaces will be safe from damage. Use your judgement and common sense when cleaning surfaces that may be of questionable durability. If in doubt, either test a small portion of the surface in an inconspicuous area or avoid using S4FE-D™ CBRN Decon on that surface altogether. It is better to isolate a precious item such as an antique or family heirloom until any I131 contamination has decayed away than it is to risk possible damage by trying to decontaminate with S4FE-D™ CBRN Decon.

Keep S4FE-D™ CBRN Decon products away from eyes, nose, mouth and other mucous membranes or particularly sensitive areas of the body. In case of accidental ingestion, contact the National Poison Control center immediately. Children should be supervised when using S4FE-D™ CBRN Decon Hand Soap. Thorough rinsing is strongly advised. Do not use on children's faces.

NOTE S4FE-D™ CBRN Decon products are designed to remove residual radioactive iodine. Since there is no practical way to test for the actual level of contamination in your home, the best course of action is as follows:

Always remove any liquid prior to applying S4FE-D™ CBRN Decon. This is especially true in the case of urine and saliva. For instance, if a small amount of urine is accidentally spilled on the floor, first wipe it up with dry paper towels and dispose of these. Next, soak the area thoroughly with S4FE-D™ CBRN Decon spray or diluted concentrate and leave in place for at least 30 seconds. Then, wipe the S4FE-D™ CBRN Decon solution up and dispose of the contaminated paper towels. Spray again with S4FE-D™ CBRN Decon and wipe clean to insure adequate removal of contamination. The rule of thumb here is to err on the side of caution and re-apply S4FE-D™ CBRN Decon if you have suspicion of higher contamination or on porous surfaces.

Before you dispose of any contaminated materials, check your local regulations. You may be required to decay this "waste" in a safe place before general disposal.

S4FE-D™ CBRN Decon products are safe and highly effective at removing residual I131 around your home. As you have undoubtedly been informed by your physician or nuclear medicine technician, I131 will be released by your body in several ways in the days following your thyroid treatment.

Since it is not known precisely how much of the I131 your thyroid will take up, general practice dictates that an amount is administered that will exceed the capacity of your thyroid. This excess will be eliminated by your body over a period of days after your treatment.

I131 has a radioactive half-life of approximately 8 days. This means that a given quantity will be reduced by half every 8 days (eg. 10 millicuries will become 5 millicuries in 8 days. The remaining 5 millicuries will be reduced to 2.5 millicuries in another 8 days, and so on.). Iodine has a biological half-life of approximately 120 days, which basically follows the same reduction scheme as the radioactive decay but instead refers to the elimination process of the I131 from your body. The radioactive decay and physical elimination happen concurrently.

Your body will eliminate the excess I131 through urination, defecation, sweat and saliva. This is where caution needs to be taken and S4FE-D™ CBRN Decon products can help.

S4FE-D™ CBRN Decon uses a special formulation to latch onto and chemically "bind" the I131 it comes in contact with. By binding it, it pulls it away from the surface (or skin) you are cleaning, so that it can be wiped or washed away.

It is important that care be taken to clean the areas where you may be contaminating so as not to cause unwanted exposure to others in your home. This is even more important if there are children in your home.



747 Herra Street Elburn, IL 60119

www.labtechinc.com sales@labtechinc.com

800.542.1123 630.365.1000

S4FE-D™ Patient Isolation Kit



DETAILED INSTRUCTIONS

S4FE-D™ CBRN Decon Soap -

Perspiring, using the washroom, or touching a previously contaminated surface with your hands may cause you to spread contamination - possibly to others. It is important to wash your hands thoroughly and regularly.

Dispense a “pump” of S4FE-D™ CBRN Decon hand soap into the palm of your hand and proceed to rub over your entire hands - palms and backs of hands. Continue to rub for at least 10 seconds, longer is better. Rinse your hands thoroughly under running water until all the soap residue is washed away. Dry your hands as usual or use paper towels.

Use S4FE-D™ CBRN Decon in the shower as you would a regular body wash. Avoid the eyes and mouth. Perspiration will cause clothing contamination. Frequent showering with S4FE-D™ CBRN Decon hand/body soap will help minimize this. While S4FE-D™ CBRN Decon soap is safe for use on hair, it is not a shampoo and we cannot guarantee that it won't interfere with certain hair treatments such as dyes or permanents.

S4FE-D™ CBRN Decon Spray and Wipes-

Use the pre-mixed spray to clean such surfaces as:

- Sinks, floors, outside of toilet, shower/tub
- Telephone handsets (do not spray directly onto electronics, instead dampen a paper towel with the spray and carefully wipe the device avoiding getting any liquid into the speaker or other areas containing electronics)
- Countertops, any non-porous, color safe surface

For surfaces that you spray the cleaner directly onto, leave the liquid in place for at least 30 seconds before wiping or washing away. Remember, S4FE-D™ CBRN Decon works by attracting and binding the I131 molecules, so give it a little time to work. S4FE-D™ CBRN Decon is not recommended for cleaning eating utensils or dishes.

S4FE-D™ CBRN Decon Concentrate -

S4FE-D™ CBRN Decon concentrate may be used to mix up a refill solution in your spray bottle. To do so, mix at an approximate ratio of 1 part concentrate to 10 parts distilled water. Mix thoroughly.

S4FE-D™ CBRN Decon concentrate is ideal for cleaning your toilet bowl. Simply squirt about one ounce (no need to be exact here, this is an approximation) into the toilet bowl and proceed to thoroughly scrub with a toilet brush, being sure to get up under the rim as well as the rest of the bowl. When finished, flush toilet, being careful about splashing. Place the toilet brush in a safe place, as it will likely still contain some residual I131 on it. Once you have had your follow-up body scan to affirm that your body is rid of all I131, the toilet brush should be discarded.