



RADIATION SAFETY PRODUCT FAMILY

S4FE-D® Decontamination

Powered by the Bind-It™ formulation • Four decades of LTI radiation decon chemistry

One chemistry, four formats. The Bind-It™ surfactant formulation binds radioactive contamination into its surfactant matrix — the activity lifts off the surface and rinses away cleanly, rather than being driven into the surface microstructure by acid- or base-driven dissolving chemistries. Near-neutral pH (~6.5). Safe on aluminum, stainless, chrome, glass, and most plastics. Effective across nuclear medicine isotopes, calibration sources, actinides, and high-energy beta emitters.



CONCENTRATE
16 oz Concentrate
S-0016-C

Dilutes 10:1 with water to yield approximately 175 oz of working solution. The economical choice for high-volume surface decon, equipment cleaning, ultrasonic bath, and mass-decon staging.



READY-TO-USE
32 oz RTU Spray
S-0032-B

Pre-diluted working solution in a high-output spray bottle. Grab-and-go for surface decon, fume hood interiors, faucet handles, and room turnover. Spray, dwell approximately 30 seconds, wipe.



WIPES
Decontamination Wipes
S-0080-C • S-0050-W

Pre-saturated wipes for spot decon, point-of-use cleaning, monitoring surveys, and incident response. Available in 80-count canisters and 50-count flexible pouches.



HAND & BODY SOAP
16 oz Hand & Body Soap
H-0016-S

Bind-It™ chemistry in a foaming-soap formulation. Skin-safe for personnel decon. Replaces routine department hand soap at every sink — trace decontamination during every wash. Available in 32 oz dispenser refill format and touchless wall-dispenser bundles.

binds, not dissolves.

The contaminant lifts off the surface into the surfactant matrix — not driven into the microstructure. Effective on actinides, beta emitters, and the full gamma-emitter list across the radiology workflow.

Safe on what you need to protect.

Near-neutral pH ~6.5. Aluminum-friendly by design. Compatible with stainless, chrome plating, glass, most plastics, and most rubbers. The chemistry was developed because acid-based decons were attacking the aluminum housings on LTI's own gamma counters.

One chemistry, four formats.

Concentrate, Ready-to-Use Spray, Wipes, and Hand & Body Soap — covering surface decon, equipment cleaning, ultrasonic bath, spill response, and personnel skin decon. No need to inventory four different chemistries for four different decon contexts.

Talk to LTI. Contact us for pricing, technical consultation, or Safety Data Sheets for any S4FE-D format.
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