



QUICK DECON COMPLETE POWDER MIX



Quick Decon Complete powder mix

BENEFITS



SIGNIFICANT REDUCTION IN CRITICAL PATH TIME AND DOSE



NON-TOXIC AND ENVIRONMENTALLY FRIENDLY



SIMPLE AND COST EFFECTIVE

Main Features

- **Safe & quick** ionic-focused solutions for removal of contamination
- Effective on **63 different radio-isotopes**
- **~80%-90% reduction** on 1st pass*
- **Non-Toxic**, Environmentally friendly
- Testing shows combining both the Actinide & Transition Metal solution works better than using them individually
- Can be combined with a foaming agent to get longer cling time on vertical surfaces.
- Water based & **"Resin Bed friendly"**
- Cost effective + save on shipping costs!
- **Shelf Life:**
 - a. Unlimited in powder form at STP (standard temp and pressures)
 - b. Mixed with DI water - up to 60 days
 - c. Mixed with tap water - up to 24 hours

DESCRIPTION

QD-C is a combination of QDA and QDTM that comes in powder form to mix and make custom amounts of the Quick Decon Solution. The core technology is called the "Mass Effect" influence. When our proprietary solutions are introduced to a contaminated surface, the radioactive material is lifted from the surface and suspended in the solution, where it can be easily wiped up or rinsed away as radioactive waste.

Our products are currently in use in commercial nuclear power plants, nuclear waste facilities and in hospitals, with a proven track record of significantly reducing time and dose on critical path applications such as Cavity Decon.

EASY APPLICATION

1. Mix the powder with DI water
2. Spray on the surface to be decontaminated
3. Let the solution penetrate the area for 1-5 minutes
4. Wipe down or rinse off with cold water
5. Remeasure surface for contamination levels
6. Repeat steps 1 - 5 if necessary

DECONTAMINATES

Transition Metals such as Cobalt, Strontium, Chromium, Manganese, Iron, Zinc & Nickel

Actinides such as Plutonium, Uranium, Titanium, Technetium, Americium, Radium, etc.

**shown in independent tests. Results may vary based on surface type and source term mix*

QUICK DECON FAMILY OF PRODUCTS



QDS COMBO WIPES

Features:

- 80 - 90% Decontamination Factor
- 35 wipes per canister
- Effective on both Transition Metals and Actinides Radionuclide Isotope Families
- 10+ year shelf life of product (dry); 60+ days when distilled water is added

EMERGENCY RAD DECON KIT

Your Emergency Survival Kit™ may consist of the following items or equivalents:

Our proprietary Quick Decon™ Mass Effect™ solutions for Radiation Decontamination. These water-based liquids come in convenient-to-use Color-Coded 32 oz. bottles with accompanying trigger sprayers (2). One Qt. For Transition Metals (BLUE LABEL) such as Cobalt, Cesium, Strontium and Thallium and one Qt. For Actinides (YELLOW LABEL) such as Uranium, Plutonium, Technetium and Radium. Our solutions are made from cosmetic-grade, FDA-approved materials and are not radioactive before use. (See Instructions for Use)



PERIODIC TABLE OF ELEMENTS

- -Transition Metals
- -Actinide Metals

21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper
39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver
	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold
89 Ac** Actinide	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium			

90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium
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