

## Radioactive Material Exempt Quantities (Per U.S. NRC & State Regulations)

This radioactive material conforms to the conditions and limitations specified for radioactive material in:

- **49CFR173.421**
- **10CFR30,**
- **10CFR30.71, Schedule B Exempt Quantities**
- **BS 5288/C11111**

The radioactive material contained in the package is an exempt quantity from USNRC and/or Agreement State licensing requirements.

The radiation exposure rate at any point on the external surface of this package does not exceed 0.5 milli rem/hour.

No other hazard labeling and shippers declaration are required or authorized.

Do not expose the source to harsh chemicals or extreme temperature changes.

Radioactive Material ——— Not for Human Use ———  
Introduction Into Foods, Beverages, Cosmetics, Drugs,  
or Medicinals, or Into Products Manufactured for  
Commercial Distribution is Prohibited ———  
Exempt Quantities Should Not be Combined.

The quantities of radioactive material contained in these products is extremely small and present no known radiation hazard. However, it is always good practice to minimize exposure by following the basic principles of time, distance and shielding. Solid, sealed exempt quantity sources require no special handling but when working with liquid sources, gloves and laboratory coats are recommended.

Eating, drinking and smoking should be prohibited in areas where radioactive material is used or stored.

Use of radioactive material should be supervised by a responsible person in authorized areas. Exempt quantity products should be used only as intended and in accordance with instructions provided. All radioactive material should be securely stored when not in use.

These exempt quantity products may be disposed of in regular waste providing all radiation symbols have been removed or defaced.

When disposing of liquid exempt quantities, it is recommended that they be flushed into the public sewer system diluted with large volumes of water.

Manufactured and Distributed by:  
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## UN2910 Radioactive Material Limited Quantity per DOT 49 CFR173.435 & ICAO (IATA) 10.4.2.1

This package conforms to the conditions and limitations specified shipping regulation in:

- **USDOT CFR49 parts 100—185**
- **Postal Publication No. 6 dated September 1983**
- **IAEA number TS-R-1, International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources**
- **IATA Dangerous Goods Regulations; Section 4.2; “UN2910 Radioactive material, excepted package, limited quantity of material” Class 7, and Section 10.5.9.4 calculating A1 values of radionuclide for packaging and transporting**

The radiation exposure rate at any point on the external surface of this package does not exceed 0.5 mrad/hour.

UN2910 labeling on package and shippers declaration. No other hazard labeling or shippers declaration required or authorized.

This package contains less than the DOT, IAEA and IATA limits for exempt quantity radioactive material and UN2910 “Radioactive material, excepted package, limited quantity of material”

This package may contain one or more of the following isotopes, for contents in this package see enclosed invoice or packing list.

Isotopes	Max uCi per source
Ba133	10
C14	10
Cd109	10
Co57	27
Co60	1
Cs137	0.27
Eu152	1
Eu154	1
Eu155	1
Fe55	27
I125	1.0
I129	0.1
Mn54	10
Na22	10
Pb210	0.1
Po210	0.1
Sr90	0.1
Tl204	0.27
Zn65	10