

**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.

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 173.435 (10-1-05) & IATA 10.4.2.1 (1-31-06)

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

- **USDOT CFR49 parts 100—185**
- **IATA Dangerous Goods Regulations; Section 4.2; “UN2910 Radioactive material, excepted package, limited quantity of material” Class 7, N.O.S. (not otherwise specified) , and Section 10.5.9.4 calculating A1 values of radionuclide for packaging and transporting**
- **Postal Publication No. 6 dated September 1983**

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

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

This package contains less than the DOT and IATA limits. IATA table 10.4.a, calculating Type A1 quantities for radioisotopes. IATA limits are listed as TBq (column A) and Ci (column B).

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

Isotopes	Column A (TBq)	Column B(Ci)
Ba133	3	81
C14	40	1100
Cd109	30	825
Co57	10	270
Co60	0.4	10.8
Cs137	2	55
Eu152	1	27
Fe55	40	1100
I129	unlimited	unlimited
Mn54	1	27
Na22	0.5	13.5
Pb210	1	27
Po210	40	1100
Sr90	.3	8.1
Tl204	10	270
Zn65	2	55

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