

UN2915-Yellow II Package Return Instructions

Complete and check each step before going on to the next step.

Step 9 - The Shipper's Dangerous Goods Form

The Shipper's Dangerous Goods (DG) template and a completed sample Dangerous Goods (DG) Form (with steps A to D) can be found at: <http://sales.isotopeproducts.com/support>. A completed sample (with steps A to D), is illustrated below. **Please note that the DG form must be typed and signed by a qualified & trained shipper.**

A – Complete Shipper and Consignee boxes

You are the Shipper and Eckert & Ziegler Isotope Products, 1800 N Keystone Street, Burbank, CA 91504, is the Consignee.

B – Transportation Details:

- 1. Airport of Departure:** Contact your local FedEx office for location code.
- 2. Airport of Destination:** LAX
- 3. For disposals only:** cross out "Passenger and Cargo Aircraft".
- 4. Air Waybill #:** this is the 12 digit FedEx tracking number from your FedEx Air Waybill.
- 5. Shipper's Reference No.:** notate EZIP issued Return Number.
- 6. Shipment Type:** cross out "Non-Radioactive".

C – Nature & Quantity of Dangerous Goods:

- 1. UN or ID #:** UN2915
- 2. Proper Shipping Name:** Radioactive material, Type A package
- 3. Class or Division:** 7
- 4. Packaging Group:** skip this field
- 5. Quantity and type of packaging:** Isotope to be returned, Physical & Chemical form (metallic salt solid for most medical returns), Activity in MBq, and number of Type A Packages.
- 6. Packaging Instructions:** II Yellow, TI, & dimensions of package in centimeters
- 7. Authorization:** skip this field

D – Shipper's 24 hour Emergency Phone Number

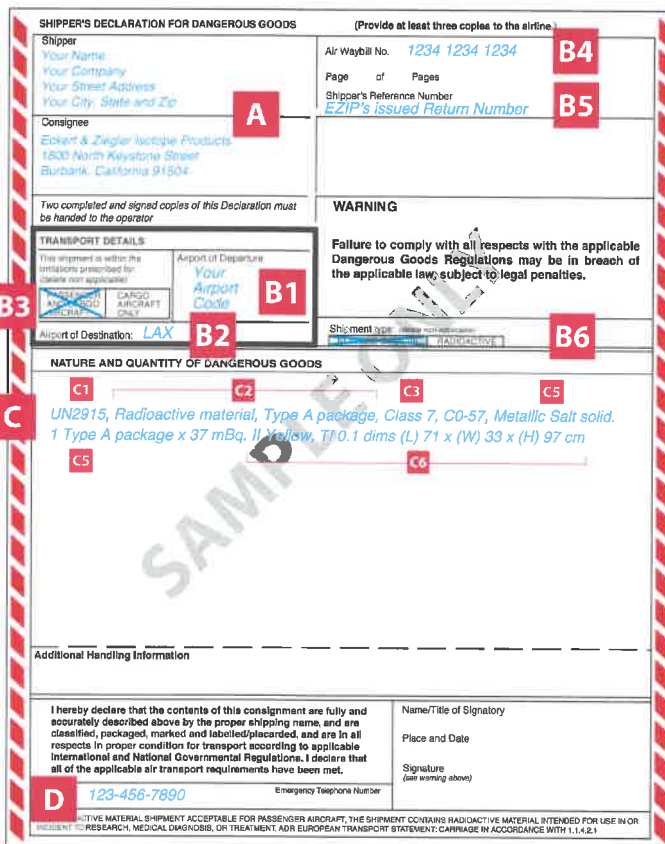
Under "Additional Handling Information", record the Shipper's 24 hour Emergency phone #. This is **your** 24 hour phone number should an emergency arise with your package during transit. This number is also recorded on the Emergency Response Information Sheet, B1.

Once all information is typed, the DG form is complete

Print 3 copies on candy striped paper. If using a black & white printer, put the provided candy striped paper in your printer. The typed DG Form must have the colored candy stripe or it will be rejected by the carrier (i.e. FedEx). *Hint: we recommend you print a practice DG on plain paper first.*

All Steps Complete!

Once you have carefully completed the steps 1-9, your source is ready to ship to Eckert & Ziegler Isotope Products!



Outer Package Labeling and Pouches

- Mark RA# on provided EZIP return label and adhere to package.
- Place 3 DG copies and FedEx Air Waybill in large FedEx pouch and adhere to package.
- Adhere small packing list pouch (containing the original B1/B2 Emergency Response/Return Packing List) to the package.



If shipment contains multiple packages, place all documents on primary shipping package.

Note: Shipper's Declaration for DG Form must be completed and signed by a qualified DOT trained shipper.

Return Acknowledgment Form

Please allow a minimum of five (5) business days for disposal processing and generation of your emailed RAF (Return Acknowledgment Form).




Complete and check each step before going on to the next step.

Please Read

Your return must ship as a UN2915 – Yellow II, if the surface reading of your package on any side is greater than 0.5 mR/hr but less than 50 mR/hr. A **qualified Shipper** must prepare package for shipment in accordance with Title 49 CFR 172.101, 172.704, 173.403, 173.421, 173.423, and 173.425. Other requirements apply. Most return kits include multiple labels should your RA# allow for the return of multiple packages.

Step 1 – Check Return Source

Check source for damage and removable contamination. Wipe source to confirm removable activity is less than 5nCi (10 CFR 35.67).  Do not return if wipe test results are 5nCi or above, or source is leaking or damaged. Please contact your RSO if wipe test results exceed the limits.

Step 2 – Packaging Your Return

- Place source in original container and shipping package, center and securely package it to reduce movement during transit. Seal package with heavy duty tape and keep one side open to insert necessary forms. If package is damaged, please request a new one.
- Confirm radiation surface reading (on-contact) on all sides of package is greater than 0.5 mR/hr. If above 50 mR/hr, contact your RSO.

Step 3 – Complete Emergency Response Information (B1)

- Check second box - UN2915, Class 7, Radioactive Material, Type A Package, Non-special Form, Non-fissile, or Fissile Excepted
- Complete item 2 by filling in **your** 24 Hour Emergency Response Phone Number.

Step 4 – Complete Return Packing List (B2)

Please see helpful hints on sheet B2 before completing. The original two-sided Sheet B1/B2 is to be used as your external packing list. You will need to make copies of Sheet B2 as stated below:

- Place one copy of sheet B2 in each package with source(s)
- Keep one copy of sheet B2 for your records
- Fold the completed original two-side Sheet B1/B2 and place in the provided small packing list pouch. Set aside for further instructions under Sheet D2, Outer Package Labeling and Pouches.

Step 5 – Determine source nuclide activity in MBq

This information will be needed for the Shipper's Declaration. For a Decay Chart and Radioactive Unit Converter, please visit: <http://sales.isotopeproducts.com/tools>

Step 6 – Seal and Label Package

- Seal package with heavy duty tape. Write "security" along the length of the tape or use tamper evident security tape.
 - Do not cover the following Type A information preprinted on the package: "RADIOACTIVE MATERIAL, TYPE A PACKAGE, NON-SPECIAL FORM, NON-FISSE OR FISSE EXCEPTED, UN2915 USA-DOT-7A, TYPE A."
 - Determine the TI, Transportation Index = max dose rate in mR/hr at 1 meter (3 feet) from the package surface. The TI must be <1.0 mR/hr on all sides of the package in order to be labeled as Yellow II (49 CFR 173.403). Round up to the first decimal point. *Hint: 0.42 = >rounds up to 0.5*
 - Fill in the nuclide(s), total activity and TI in blank sections on the "Radioactive Yellow II labels." Adhere 2 "Radioactive Yellow II" labels, one each on opposing sides of each package, over original or existing Radioactive Yellow II label.
 - Adhere 2 "Cargo Aircraft Only" Labels next to each of the two Radioactive Yellow II labels on each package.
- Do not** use the the candy stripped UN2910 Label.



Step 7 – Wipe Test Package

Perform a dry wipe on the outside surface of the package. Removable activity cannot exceed 24 dpm/cm² beta or gamma emitters and 2.4 dpm/cm² of alpha emitting nuclides [49 CFR 173.443(a)(1)]. Please contact your RSO if wipe test results exceed the limits.

Step 8 – Complete FedEx Air Waybill

Please note that the Shipper is responsible for ALL return shipping costs

Ship to: **Attention: Receiving**
Eckert & Ziegler Isotope Products
1800 North Keystone Street
Burbank, California 91504



- Field 5 - Packaging, check box "Other"
- Field 6 - Special Handling, check box "Yes, as per attached Shipper's Declaration."
- Field 7 - **If shipping multiple packages.** Mark the total number of packages.