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Return shipping instructions for Excepted Package Articles, Ionizers NRD P-2000 series products

As a guide to proper packaging and shipping, please follow these instructions:

- Note the model number and manufactured date printed on the ionizer you wish to return (a Return # is not required). Follow the instructions outlined in the table.

Description	Ionizer Model Number	Instructions
Air Gun Ionizers	P-2051 (all gun styles)	For these devices dated 12 months or older, proceed to STEP #2
Nuclecel™ In-Lines	P-2021 (all versions) P-2031 (all versions)	
Nuclestat™ Ionizer Bar	P-2001 (effective length of 14" or less, incl. P-2001 B, BM, AC)	
Nuclecel™ Ring Ionizer	P-2060 (all versions) P-2062 (all versions) P-2063 (all versions)	
Nuclespot™ Spot Source	P-2042 (all versions)	Regardless of age, proceed to STEP #2
All other devices not listed in the above table or have not reached their 12 month expiration, use only a "Type A" shipping container and labels provided by NRD. Do not proceed to step #2. For return material call us at 800-525-8076. It is the shipper's/sender's responsibility to be trained for Hazardous Materials Shipping. "Type A" package certification available upon request.		

- Excepted Package Article has a maximum activity of 5.41 mCi (200 MBq) for each ionizer. For "RQ" Packages of UN2911 the maximum activity per package is 541 mCi (20,000 MBq). For "NON RQ" Packages of UN2911 the maximum activity per package is 9 mCi (369 MBq). (ref: 49CFR 173.425, Table 4). Radiation level at any point on the external package must not exceed 0.5 mrem/hr (0.005 mSv/hr) (ref: 49CFR 173.421). The non-fixed or removable radioactive contamination on the external package surface shall not exceed 22 dpm/cm² (ref: 49CFR 173.443).
- Calculate the ionizer(s) activity and package activity to determine whether the package is "RQ" or "NON RQ".
"RQ" = 370 MBq (10 mCi) or greater per package total activity.

DECAY FACTOR CHART

AGE OF DEVICE	1 month old	2 months old	3 months old	4 months old	5 months old	6 months old	7 months old	8 months old	9 months old	10 months old	11 months old	12 months old	13 months old	14 months old	15 months old	16 months old	17 months old	18 months old
FACTOR	31.8	27.4	23.6	20.3	17.5	15.0	12.9	11.1	9.57	8.23	7.08	6.10	5.25	4.51	3.88	3.34	2.88	2.47

To determine the current activity of a device, in MBq (megabecquerel), multiply the original activity of the device, in mCi (millicurie), as found on the device label, by the appropriate decay factor for the age of the device, as found in the chart above.

EXAMPLE: A P-2021 that is 12 months old would have a current activity of:

10 mCi – original activity, from device label

6.10 – decay factor, from chart above

$$10 \text{ mCi} \times 6.10 = 61 \text{ MBq}$$

Total the activities of the ionizers to go in each package.

IMPORTANT NOTE

DO NOT EXCEED 369 MBq (9 mCi) PER PACKAGE FOR “NON RQ” PACKAGES. No shipping papers required.

DO NOT EXCEED 20000 MBq (540 mCi) PER PACKAGE FOR “RQ” PACKAGES. Shipping papers required.

4. Place ionizer(s) into a plastic bag and seal the bag. Put sealed plastic bag containing device into package with sufficient dunnage so that device does not rattle during normal transport conditions.
5. The package should be new, no smaller than 4” x 4” x 4”, have no protrusions, and be capable of withstanding normal transport conditions. Tape all seams and flaps with nylon reinforced tape so that there are no openings. (ref: 49CFR173.410)
6. The following address (A) and statement or label(s) must be on the package. The UN number (B) is added for ground freight only. The label (C) is added for airfreight only, with “2911” written in for UN number. Label D is added for “RQ” packages.

A. Shipping address:

**NRD, LLC
2937 Alt Blvd.
Grand Island, NY 14072**

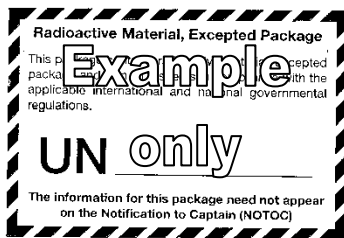
B. Ground freight only:

UN2911

C. Airfreight only:

D. Outer box “RQ” Label

to be placed next to “UN2911”
ONLY when “PER PACKAGE
ACTIVITY” is greater than
369 MBq



7. **Send package to NRD, LLC, prepaid.** Shipping costs, taxes and/or duties are the shipper’s responsibility. Mark all export documents and Airway Bill or Bill of Lading “DDP Grand Island, NY” (Deliver Duties Paid to Grand Island, NY)”. **Do not ship via US Mail.**
8. For domestic shipments within the continental United States it is recommended to ship via ground common carrier. Check with your carrier for that service and mark as appropriate. “RQ” packages must have a Hazardous Materials shipping paper with package.
9. All shipments must include a packing slip with your company name on it or on company letterhead.
10. For shipment when you have completed all of the supplied forms please call your preferred air carrier or forwarding agent to arrange delivery of freight to NRD Grand Island NY, USA.

Schedule pickup on a weekday, Monday – Friday, or you may incur extra charges.

11. **NEEDED FOR INTERNATIONAL SHIPMENTS**

As the Shipper/Sender, You will need to provide a company letter head or a company invoice indicating number of units being shipped along with a description (see example below). An original with several copies (usually three) is needed for customs clearance.

EXAMPLE: ONE (1) EACH NRD MODEL P2001 STATIC ELIMINATION DEVICE RETURN OF LEASE TO DEVICE MANUFACTURER NRD, LLC, USA.

THIS PRODUCT IS OF UNITED STATES OF AMERICA ORIGIN. DIVERSION CONTRARY TO USA LAW PROHIBITED.

VALUE FOR CUSTOMS PURPOSE ONLY 10.00 USD, NO COMMERCIAL VALUE.

MARK: FREE DOMICILE NO CHARGE DOOR-TO-DOOR TO GRAND ISLAND NY, USA.

ALL CHARGES TO BE BILLED TO SHIPPER/SENDER “DDP”.

SCHEDULE B COMMODITY CODE NUMBER 2844.40.0020

SHIPPER’S/SENDER’S CUSTOMS BROKER/FORWARDING AGENT INFORMATION

Airway Bill and Declaration of Dangerous Goods

- 1) Package Labeling:
 - a) Ensure the marking “UN2911” is on the outside of package, and “RQ” only if package has a total activity of 370 MBq (10 mCi) or greater.
 - b) Prepare and apply label as follows: (Airfreight only)
 - Enter “2911” next to “UN”, label shown on previous page, section 6 example C.
- 2) **AIR WAYBILL:** To be completed as outlined below and illustrated in examples, Example 1 for Domestic U.S. shipments (example is for “NON RQ” package), and Example 2 for International shipments (example is for “RQ” package).
 - A. **From Section:** Enter your companies information as requested
 - B. **To Section: Company:** “NRD LLC” **Phone:** “716 773-7634”
Address: “2937 ALT BLVD”
City: “GRAND ISLAND” **State/Province:** “NY”
ZIP/Postal Code: “14072” **Country:** “USA”
 - C. **Payment Section:** Mark WAYBILL for Shipping/Duties Charge to SENDER. All charges are to be billed to you, the sender or your forwarding agent.
Total Declared Value: “NVD”
 - D. **Special Handling Section:** “NON RQ” Packages: Check box for Yes, Shipper’s Declaration not required.
“RQ” Packages: Check box for Yes, as per attached Shipper’s Declaration.
 - E. ***Broker Selection Section:** Enter your Customs Broker/Forwarding Agent name, Address, and Telephone Number in this section.
 - F. ***Shipment Information Section:**
Commodity Description: “UN2911, Radioactive material, excepted package-articles, Static Elimination Device”
Harmonized Code: “2844.40.0020”
Country of Manufacture: “USA”
Value for Customs: “\$10.00” *This is determined per package for product being returned to NRD at lease end.*
 - G. **Sender’s Signature Section:** You the Shipper/Sender must Sign and Date this section.
- 3) **SHIPPER’S DECLARATION FOR DANGEROUS GOODS:** To be completed as outlined below and illustrated in Example 3. This is only used with “RQ” packages.
 - A. **Shipper:** Enter your company name, complete address, and telephone number
 - B. **Consignee:** NRD LLC, 2937 ALT BLVD., GRAND ISLAND, NY 14072
 - C. **Air Waybill No.:** Enter number found on upper section of Airbill
 - D. **Proper Shipping Name:** “Radioactive material, excepted package-articles”
 - E. **Class or Division (subsidiary risk):** “7”
 - F. **UN or ID No.:** “RQ UN2911”
 - G. **Packing Group:** Leave blank – there is none for radioactive material
 - H. **Quantity and type of packaging:** “Po-210, Metal Solid”, *Enter number of packages, “Fiberboard Box X”, Enter the activity of the package, “MBq”.* Multiple packages may be entered separately.
 - I. **Packing Inst.:** Leave blank
 - J. **Authorization:** Leave blank – there is no special authorization
 - K. **Name/Title of Signatory:** Enter your Name and Job Title (e.g. Shipping Clerk)
Place and Date: Enter your location (e.g. London, United Kingdom) and date
Signature: You must sign here or the carrier may return the shipment to you

L. **Certification Statement:** "I declare that all of the applicable air transport requirements have been met." Verify that this statement is present or add it to block.

M. **Emergency contact 24-hr number:**

"CHEMTREC Day or Night 1-800-424-9300 CCN 206249" for Domestic
(Example 3 shows Domestic Number)

"CHEMTREC Day or Night 1-703-527-3887 CCN 206249" for International

If you have any questions regarding shipping instructions or documentation contact customer service of your carrier of choice for help.

* - For International Shipments, also see section 11 on page 2.

EXAMPLE 1: Non-International Airway Bill (SAMPLE ONLY)

FedEx Express US Airbill

FedEx Tracking Number: 8557 5976 5473

1 From Please print and press hard.

Date: _____ Sender's FedEx Account Number: _____

Sender's Name: **A** Your Company Name Phone: (_____) _____ Your Telephone No.

Company: Your Company Name

Address: Complete Company Address

City: _____ State: _____ ZIP: _____

2 Your Internal Billing Reference OPTIONAL

3 To

Recipient's Name: _____ Phone: (716) 773-7634

Company: **B** NRD, LLC

Recipient's Address: 2937 Alt Blvd.

Address: Grand Island State: NY ZIP: 14072

City: Grand Island State: NY ZIP: 14072

0324363371

Store your addresses at fedex.com
Simplify your shipping. Manage your account. Access all the tools you need.

SPH22

Form ID No. 0215 Sender's Copy

4a Express Package Service Packages up to 150 lbs.

FedEx Priority Overnight Next business morning. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight Next business afternoon. Saturday Delivery NOT available.

FedEx First Overnight Earliest next business morning delivery to select locations. Saturday Delivery NOT available.

FedEx 2Day Second business day. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Express Saver Third business day. Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service Packages over 150 lbs.

FedEx 1Day Freight* Next business day. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 2Day Freight Second business day. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 3Day Freight Third business day. Saturday Delivery NOT available.

* Call for Confirmation. ** To most locations.

5 Packaging

FedEx Envelope* FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. FedEx Box FedEx Tube Other *Declared value limit \$500.

6 Special Handling Include FedEx address in Section 3.

SATURDAY Delivery NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

HOLD Weekday at FedEx Location NOT Available for FedEx Express.

HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? **D**

No Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry Ice, 9, UN 1845 x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

Sender Acct. No. in Section 3 Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. _____ Exp. Date _____

Total Packages: _____ Total Weight: _____ Total Declared Value*: \$ NVD .00

*Our liability is limited to \$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

No Signature Required Package may be left without obtaining a signature for delivery.

Direct Signature Anyone at recipient's address may sign for delivery. Fee applies.

Indirect Signature If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

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Rev. Date 8/05/04 Part #158279/01/09-2005 FedEx-PRINTED IN U.S.A. & CANADA

EXAMPLE 2: International Airway Bill (SAMPLE ONLY)



For FedEx services worldwide including Express Freight Services, Dangerous Goods, Broker Select, and Letter of Credit

145/500

10882442

Not all services and options are available to all destinations.

The World On Time.

PACKAGE LABEL

COMMERCIAL INVOICE LABEL

DELIVERY RECORD LABEL

DELIVERY REATTEMPT LABEL

1 From Please print and press hard.

Date _____ Sender's FedEx Account Number **Your Account Number**

Sender's Name _____ Phone **Your Telephone No.**

Company **Your Company Name**

Address **Complete Company Address**

A

ZIP Postal Code _____

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name _____ Phone **(716) 773-7634**

Company **NRD, LLC**

B

Address **2937 Alt Blvd.**

City **Grand Island** State Province **NY**

Country **USA** ZIP Postal Code **14072**

Recipient's Tax I.D. number for Customs purposes
e.g., GST/REG/VAT/MEIN, or as locally required

4 Shipment Information ALL shipments can be subject to Customs charges.*

Total Packages Shipper's Load and Count/SLAC _____ Total Weight _____ lbs. in. kg cm

F

Commodity Description	Harmonized Code	Country of Manufacture	Value for Customs
UN2911, Radioactive material, excepted package-articles, Static Elimination Device	2844.40.0020	USA	\$10.00

C

For U.S. Export Only: Check One
 No SED required per FTSR 30.39 (provide CAS/SAS) or per Exemption number

For EU Only: Tick here if goods are not in free circulation and provide C.I.

No SED required, value \$2500 or less per Schedule B Commodity number

SED attached, provide export license no. and exp. date or license exception symbol (w/ECCN if applicable)

Total Declared Value for Carriage _____ Total Value for Customs (Specify Currency) _____

5a Express Package Service Packages up to 150 lbs. / 68 kg

FedEx Intl. Priority FedEx Intl. First Available in select locations. Higher rates apply.

_____ FedEx Intl. Economy FedEx Letter/Envelope/Pak rate not available

5b Express Freight Service Packages over 150 lbs. / 68 kg

FedEx Intl. Priority Freight FedEx Intl. Economy Freight

Booking Number _____
Please call your local FedEx office to book shipments.

6 Packaging

FedEx Letter/Envelope FedEx Pak Other Pkg. Includes FedEx Box, FedEx Tube, and custom rig.

FedEx 10kg Box FedEx 25kg Box

These unique brown boxes with special pricing are provided by FedEx for FedEx Intl. Priority only.

7 Special Handling

HOLD at FedEx Location SATURDAY Delivery Available in select locations

D

Does this shipment contain dangerous goods? _____

One box must be checked / ticked.

No Yes As per attached Shipper's Declaration Yes Shipper's Declaration not required Dry Ice Dry Ice, 3, UN 1845 _____ x _____ kg

Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

8 Broker Selection Optional Intl. Broker Select

Broker's Name _____

E

City/County/Country _____

ZIP/Postal Code _____ Phone _____

9a Payment Bill transportation charges to:

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash Check/Checkue

Enter FedEx Acct. No. or Credit Card No. below.

FedEx Acct. No. _____
Credit Card No. _____
Exp. Date _____

C

9b Payment Bill duties and taxes to: *FedEx cannot estimate Customs charges.

Sender Acct. No. in Section 1 will be billed. Recipient Third Party

FedEx Acct. No. _____

10 Required Signature

Use of this Air Waybill constitutes your agreement to the Conditions of Contract on the back of this Air Waybill, and you represent that this shipment does not require a U.S. State Department License. Certain international treaties, including the Warsaw Convention, may apply to this shipment and limit our liability for damage, loss, or delay as described in the Conditions of Contract.

WARNING: These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. Law prohibited.

G

Sender's Signature: **You Must Sign and Date Here** _____ Date Executed: _____

This is not authorization to deliver this shipment without a recipient signature.

FedEx Courier Receipt _____ Date: _____

For Letter of Credit shipments only

For Completion Instructions, see back of fifth page.

Questions?
In the U.S., call (800)247-4747
Outside the U.S., call your local FedEx office
or
Visit our Web site at www.fedex.com

The terms and conditions of service may vary from country to country. Consult our local office for specific information.
Non-Negotiable International Air Waybill • ©1994-1998 Federal Express Corporation

FedEx Tracking Number **8137 4729 7291** Form I.D. No. **0425**

339 Rev. Date 11/99 Part #154092 ©1994-98 FedEx PRINTED IN U.S.A.

99 SRC

EXAMPLE 3: Declaration of Dangerous Goods (SAMPLE ONLY)

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper Your Company Name and Address A		Air Waybill No. This #is found in the upper right hand corner on airbill C Page of Pages Shipper's Reference Number (optional)				
Consignee B NRD, LLC 2937 ALT BOULEVARD GRAND ISLAND, NEW YORK 14072		WARNING Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.				
<i>Two completed and signed copies of this Declaration must be handed to the operator.</i>		TRANSPORT DETAILS This shipment is within the limitations prescribed for: (delete non-applicable) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">PASSENGER AND CARGO AIRCRAFT</td> <td style="padding: 2px;">XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX</td> </tr> </table> Airport of Departure: Airport of Destination:		PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX	
PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX					
Shipment type: (delete non-applicable) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">XXXXXXXXXXXXXXXXXXXX</td> <td style="padding: 2px;">RADIOACTIVE</td> </tr> </table>		XXXXXXXXXXXXXXXXXXXX	RADIOACTIVE			
XXXXXXXXXXXXXXXXXXXX	RADIOACTIVE					
NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification						
UN or ID No.	Proper Shipping Name	Class or Division (subsidiary risk)	Packing Group	Quantity and type of packing	Packing Inst.	Authorization
RQ UN2911 F	Radioactive material, excepted package—articles D	7 E	G	Po-210, Metal Solid Fiberboard Box X H	J	J
Additional Handling Information THIS SHIPMENT PACKAGED IN ACCORDANCE TO I.A.T.A. REGULATIONS		Shipment is made under the provisions of ICAO				
Emergency contact 24-hr number: M		CHEMTREC DAY or NIGHT (800) 424-9300 CCN206249				
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met. L				Name/Title of Signatory K Your name, Job title Place and Date Company location, Date You must sign here Signature (See warning above)		

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SHDECSTATICMASTER - 09/09