

23 Jan 2024

Ref: RPNSG/IRCD/2024-01-0001

To: All Traders, Freight Forwarders,
Cargo Agents and Carriers

Dear Sir/Mdm,

CIRCULAR ON RADIOACTIVE RETAIL PRODUCTS

The National Environment Agency (NEA) would like to remind all traders, freight forwarders, cargo agents and carriers that under the Radiation Protection (Ionising Radiation) Regulations, radioactive substances used for unjustified practices are not exempted from regulatory control. These include practices involving frivolous use of radiation or radioactive substances in products (e.g. household beddings, toys, personal jewellery or adornments) by the deliberate addition of radioactive substances.

2 Some retail products such as socks, pendants and wristbands may claim to generate negative ions or use “quantum energy” or “scalar energy” technology. These products are typically marketed to provide health benefits, such as improved blood circulation, improved stamina, reduced water retention, etc. These products also typically claim to contain added volcanic materials or minerals. Such materials are commonly associated with trace amounts of radioactive substances. As the addition of radioactive substances in these products is not justified, they are **not exempted** even if radioactivity is below regulatory exemption limits applicable for justified practices.

3 Please be informed that imports of consignments of such radioactive products into Singapore will be rejected at border checkpoints, and importers of such products must **return them to the country of origin**. For existing stock held by local sellers/distributors, the sale or distribution of such products **must be ceased**, and the remaining stock be **returned to the country of origin**. The products are **not allowed to be disposed of locally** in bulk.

4 Local sellers/distributors who wish to sell or distribute such products must ensure that the product does not contain radioactive substances. Local sellers/distributors should carry out due diligence and obtain a lab test report (e.g. from overseas manufacturer) indicating that the product does not exhibit any radioactivity. If the overseas manufacturer is unable to furnish such a report, the products should not be sold or distributed locally.

5 If you require any clarification, please submit your query electronically via the NEA Online Feedback Form at <https://www.nea.gov.sg/corporate-functions/feedback> or via the myENV mobile application.

Yours faithfully,

Chan Li Ting
Executive Scientific Officer
Radiation Protection and Nuclear Science Group

(This is a computer-generated letter. No signature is required)