



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

May 12, 2025

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21977

EXPIRATION DATE: 2027-04-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: United States Department of Energy
Washington, DC
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of sodium packaged in certain non-DOT specification non-bulk and bulk packagings. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
 - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.211 and 173.244 in that non-DOT specification packagings are not authorized, except as specified herein; § 172.102(c)(3) Special Provision B68 in that the sodium need not be loaded in a molten condition; and § 172.102(c)(5) Special Provision N34 in that aluminum construction materials may contact the hazardous material.
5. BASIS: This special permit is based on the application of United States Department of Energy dated March 6, 2025, submitted in accordance with § 107.105 and the public proceeding thereon.

Tracking Number: 2025035083

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Sodium	4.3	UN1428	I

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are non-DOT specification non-bulk and bulk packagings conforming to the following:

(1) Inner packagings are thirty (30) sodium shields with an outer casing of aluminum, stainless-steel, or carbon-steel with thicknesses of ¼ to ½ inch (aluminum), ¾ inch (stainless-steel), and ½ inch (carbon-steel). Only the packagings identified by the Shield ID Numbers listed in Attachment B of the application dated March 6, 2025, on file with the Office of Hazardous Materials Safety are authorized.

(2) Each sodium shield must be further packaged within a water-resistant, soft-sided IP-1 package that conforms to §§ 173.410 and 173.411.

b. OPERATIONAL CONTROLS:

(1) Under the direction and supervision of the grantee, United Cleanup Oak Ridge, LLC must package, prepare, and offer the hazardous materials under the terms of this special permit.

(2) Transportation is only authorized from Building 7879, Oak Ridge National Laboratory in Oak Ridge, TN to Waste Control Specialist, LLC in Andrews, TX.

(3) Carriage must be conducted under exclusive use by a motor carrier with a satisfactory safety rating and that is in the U.S. Department of Energy Motor Carrier Evaluation Program (MCEP).

(4) The IP-1 packages must be loaded into a (reusable) ISO 1496-1 freight container for shipment.

(5) All packages must be blocked, braced, and secured during transportation in conformance with the requirements of 49 CFR 393.100 through 393.106.

8. SPECIAL PROVISIONS:

- a. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
- b. Each IP-1 package must be marked “DOT-SP 21977” in accordance with § 172.301(c) or § 172.302(b) and (c), as appropriate.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq.:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each “Hazmat employee”, as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) —“The Hazardous Materials Safety and Security Reauthorization Act of 2005” (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term “exemption” to “special permit” and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this

special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

A handwritten signature in blue ink, appearing to read "William Schoonover", is written over a faint, circular official stamp.

for William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-13, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at <https://www.phmsa.dot.gov/approvals-and-permits/hazmat/special-permits-search>. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: BM