



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety  
Administration**

**June 03, 2024**

1200 New Jersey Avenue, SE  
Washington, DC 20590

DOT-SP 21742

**EXPIRATION DATE: 2026-04-30**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Seattle Children's Hospital  
Seattle, WA
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain Division 6.2 infectious substances in alternative packaging (freezers). 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 § 173.196(a) in that alternative packaging is authorized as provided herein.
5. BASIS: This special permit is based on the application of Seattle Children's Hospital dated March 20, 2024, submitted in accordance with § 107.105 and the public proceeding thereon.

Tracking Number: 2024034965

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Infectious substances, affecting humans*	6.2	UN2814	N/A

\*Only cultures of *Mycobacterium tuberculosis* and SARS-CoV-2 are authorized under the terms of this special permit.

7. SAFETY CONTROL MEASURES:a. PACKAGING:

(1) Infectious substances as listed in paragraph 6. of this special permit must be packaged in packaging consisting of the following components as follows:

(i) The following primary and secondary packagings are permitted:

(A) Securely sealed watertight cryovials containing not more than 2 mL of substance. A maximum of 81 vials must be packed and secured in individual cells inside of a box (9 x 9 rows). A maximum of 16 packed and closed boxes must be packed inside a watertight, sealed plastic bag containing sufficient absorbent material to surround the boxes and absorb the entire contents of the vials in case of any damage or leakage.

(B) Securely sealed watertight cryotubes containing not more than 10 mL of substance. A maximum of 10 tubes must be individually wrapped and packed inside a watertight, sealed plastic bag containing sufficient absorbent material to surround and absorb the entire contents of the tubes in case of any damage or leakage.

(C) Securely sealed watertight 96-well plates containing not more than 200 µL of substance per well. A maximum of 1 plate must be wrapped and packed inside a watertight, sealed plastic bag containing sufficient absorbent material to surround and absorb the entire contents of the plate in case of any damage or leakage.

(ii) Outer packaging consists of a double-walled, rigid steel, insulated, and gasketed freezer.

(2) Void space inside the freezers must be filled with packing material to ensure inner packagings remain upright and in place.

(3) The total volume of hazardous material may not exceed 20 L per outer packaging.

b. OPERATIONAL CONTROLS:

(1) Packages must be prepared by trained employees of Seattle Children's Hospital.

(2) Transportation must be conducted by a contract carrier under exclusive use.

(3) Only one movement of hazardous materials is authorized under the terms of this special permit.

(4) An itemized list of contents must be securely attached to the outside of each outer packaging.

(5) Emergency refrigeration and spill response equipment and procedures must be in place and operational to address loss of refrigeration, delay in transportation, or release of an infectious substance.

(6) Freezer doors must be physically secured and sealed shut with at least two methods (e.g., locks, banding, shrink/stretch wrap).

(7) The external surfaces of the freezers must be decontaminated with an appropriate EPA-approved disinfectant for the manufacturer-recommended wet contact time.

(8) The freezers must be secured upright and must be secured against movement in the transport vehicle.

(9) A total of seven (7) freezers is authorized to be transported under the terms of this special permit.

(10) The cargo area of the transport vehicle must be locked at all times during transportation.

(11) The transport vehicle must provide power to the freezers for the duration of transportation.

(12) The hazardous materials within the freezers must be kept frozen within the freezer operating temperature range for the duration of transportation. Temperature in the freezers shall stay within a range of -20 °C to -85 °C.

(13) The Department of Transportation must be notified no fewer than five (5) business days prior to the move indicating the date of the move, the route of transport, any arrangements with appropriate governmental agencies, and any other safety measures.

(14) The grantee must escort the motor vehicle transporting the hazardous materials.

(15) Transportation of the hazardous materials must be from 307 Westlake Ave N, Seattle, WA to 1900 9<sup>th</sup> Ave, Seattle, WA, which is a distance of approximately 0.5 miles.

8. SPECIAL PROVISIONS:

a. Under the terms of this special permit, the grantee may only offer hazardous materials (i.e., the grantee is not authorized as a carrier).

b. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

d. Each outer packaging (freezer) must be marked "DOT-SP 21742" in accordance with § 172.302(c).

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.:



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: BenMOORE/ROTHHAAS