

February 28, 2025



U.S. Department
of Transportation

Pipeline and Hazardous
Materials Safety
Administration

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21936

EXPIRATION DATE: 2025-05-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Electronic Fluorocarbons, LLC
Hopkinton, MA
2. PURPOSE AND LIMITATIONS:
 - a. This emergency special permit authorizes the transportation in commerce of non-DOT specification pressure drums containing anhydrous hydrogen chloride. 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 § 172.101 Hazardous Materials Table Column (8C) and § 171.23(b)(10)(ii) in that the hazardous material may be packaged in the bulk packagings authorized herein; and § 171.23(a)(3) in that a cylinder marked with a Pi mark may not exceed a water capacity of 150 L, except as specified herein.
5. BASIS: This emergency special permit is based on the application of Electronic Fluorocarbons, LLC dated January 21, 2025, submitted in accordance with § 107.117 and the determination it is necessary to prevent significant economic loss.

Tracking Number: 2025015191

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6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Hydrogen chloride, anhydrous	2.3	UN1050	N/A (Hazard Zone C)

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Prescribed packagings are two (2) non-DOT specification welded steel drums which are designed, manufactured, and tested in accordance with EN14208:2004 standard by CHEMET S. A. (Poland). The pressure drums are also Pi marked in accordance with the European Directive 2010/35/EU on transportable pressure equipment directive (TPED). The pressure drums must have a marked minimum test pressure of 150 bar, water capacity of 1000 liters, and a minimum sidewall thickness of 19.3 mm. Only pressure drums with manufacturer serial numbers 409939 and 409991 are authorized to be transported under the terms of this special permit.

b. OPERATIONAL CONTROLS:

- (1) Each valve assembly on the pressure drum must be equipped with a securely attached protective steel cap to protect valves from damage during transportation and handling.
- (2) Each pressure drum shall be inspected for leakage prior to shipment.
- (3) The filling ratio must be in accordance with Packing Instruction P200 of the United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations such that the outage and pressure requirements of § 173.40(b) are not violated.
- (4) The shipping paper must identify the pressure drums with the special permit number "DOT-SP 21936".

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- (5) Empty and filled pressure drums must be transported under exclusive use by a contract motor carrier that meets Federal Motor Carrier Safety Administration requirements.
- (6) Pressure drums must be marked and labeled in accordance with the HMR, and the pressure drums must be placed/strapped to a cradle, which is then strapped to the shipping container.
- (7) The pressure drums must be transported in a closed transport vehicle or freight container, which must be marked and placarded in accordance with the HMR.
- (8) Pressure drums may not be fitted with pressure relief devices. Emergency response information shall be provided with the shipment and available via an emergency response telephone number to indicate that the drums are not fitted with pressure relief devices and provide appropriate guidance for exposure to fire.
- (9) Pressure drums authorized under this special permit may be transported by cargo vessel only when loaded into closed cargo transport units.
- (10) Transportation of only two filled pressure drums with manufacturer serial numbers 409939 and 409991 is only authorized from Portland, OR to the Jireh semiconductor plant in Portland, OR. Transportation must be by the shortest route while at all times adhering to all Federal, state and local regulations relative to the operation of a commercial motor vehicle on a public road.
- (11) Transportation from the Jireh semiconductor plant in Portland, OR of the two empty pressure drums with manufacturer serial numbers 409939 and 409991 is only authorized for export out of the U.S.

c. MARKING: Each package must be plainly and durably marked "DOT-SP 21936". The marking shall be in accordance with the requirements of ISO 13769.

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 offered for transportation in conformance with this special permit and the HMR.

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- c. A person who receives a filled pressure drum covered by this special permit may offer an empty pressure drum covered by this special permit, provided no modification or change is made to the pressure drum and it is offered for transportation to be exported out of the U.S. in conformance with this special permit. Securing a closure on the pressure drum prior to offering the pressure drum for transportation under this paragraph does not constitute a modification or change to the pressure drum.
9. **MODES OF TRANSPORTATION AUTHORIZED:** Motor vehicle, rail freight, and cargo vessel.
10. **MODAL REQUIREMENTS:** A current copy of this special permit must be carried aboard each cargo vessel or 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

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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".

for William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials 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: RS