



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

July 26, 2023

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21199
(SECOND REVISION)

EXPIRATION DATE: 2027-06-30

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Solvay Fluorides, LLC
Houston, TX
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of a Division 6.1 hazardous material that has been packaged and packed in accordance with the International Maritime Dangerous Goods (IMDG) Code regulations but not the Hazardous Materials Regulations (HMR). This special permit provides no relief from the 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 § 173.227(c) in that the drums are double stacked in the transport containers.
5. BASIS: This special permit is based on the application of Solvay Fluorides, LLC. dated July 24, 2023, submitted in accordance with § 107.109.

Tracking Number: 2023075231

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Toxic by inhalation liquid, flammable, n.o.s. (4-ethoxy-1,1,1-trifluoro-3-buten-2-one) <i>with an LC50 lower than or equal to 1000 ml/m3 and saturated vapor concentration greater than or equal to 10 LC50</i>	6.1	UN3384	I (Hazard Zone B)

7. SAFETY CONTROL MEASURES:a. PACKAGING:

- (1) Prescribed packagings are 6HA1 drums containing a toxic by inhalation liquid, n.o.s. (4-ethoxy-1,1,1-trifluoro-3-buten-2-one).
- (2) The hazardous material must be packaged and packed in accordance with IMDG Code Packing Instruction P602 and double stacked in the freight containers.

b. OPERATIONAL CONTROLS:

- (1) Each drum authorized by this special permit must be transported in a 20-foot long steel freight container containing two layers of 28 drums in accordance with Hlash Rainer Ladungssicherungstechnik document "Cargo securing 55 gal. steel drums" version V1.02, dated April 30, 2021. Drums must be placed on plastic or wooden pallets and secured with Drumguards prior to loading into the freight container.
- (2) The drums must be blocked and braced within the freight container.
- (3) In addition, the freight container:
 - (i) Must be refrigerated and the hazardous material must be kept at – 8 °C or lower;
 - (ii) Must be sealed by Solvay Fluorides, LLC. after loading;

(iii) Must be shipped from one origin to one destination without any intermediate pickup or delivery; and

(iv) May not contain any material other than the hazardous material authorized by this special permit.

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

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 light blue horizontal line.

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/Casey Chambers