

September 10, 2025



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21664
(THIRD REVISION)

EXPIRATION DATE: 2029-08-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. **GRANTEE:** Champion Container Corporation
Edison, NJ
2. **PURPOSE AND LIMITATION:**
 - a. This special permit authorizes the manufacture, mark, sale, and use of UN 4G fiberboard boxes containing inner plastic round bottles that are not further individually overpacked in tightly closed metal packagings for the transportation in commerce of nitric acid. 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. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle, or other uses not associated with transportation in commerce.
 - c. In accordance with 49 CFR 107.107(a), party status may not be granted to a manufacturing special permit. These packagings may be used in accordance with 49 CFR 173.22a.
3. **REGULATORY SYSTEM AFFECTED:** 49 CFR Parts 106, 107 and 171-180.
4. **REGULATIONS FROM WHICH EXEMPTED:** 49 CFR § 173.158(f)(3) in that the plastic inner packagings must be further individually overpacked in tightly closed metal packagings, except as specified herein.

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5. **BASIS:** This special permit is based on the application of Champion Container Corporation dated September 2, 2025, submitted in accordance with § 107.109.

6. **HAZARDOUS MATERIALS (49 CFR 172.101):**

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identifi- cation Number	Packing Group
<i>Nitric acid other than red fuming, with at least 65 percent, but not more than 70 percent nitric acid</i>	8	UN2031	II
<i>Nitric acid other than red fuming, with more than 20 percent and less than 65 percent nitric acid</i>	8	UN2031	II
<i>Nitric acid other than red fuming with not more than 20 percent nitric acid</i>	8	UN2031	II

7. **SAFETY CONTROL MEASURES:**

a. **PACKAGING:** Prescribed packaging consists of a single-wall UN 4G fiberboard box with up to six (6) inner plastic round bottles of up to 2.5 L nominal capacity as described in ANAMA Package & Container Testing Services, Inc. Projects #3860 and #4435-B, which are on file with the Office of Hazardous Materials Safety (OHMS).

(1) Each inner plastic bottle must be blow-molded using INEOS HP53-25-155 polyethylene resin as described in the application on file with the OHMS.

(2) The inner bottles must be closed using 38 mm threaded caps as described in the above test report.

(3) The outer packaging must be closed as described in the above test report.

(4) Variations conforming to § 178.601(g)(1) are permitted, except that the resin used to fabricate the inner packaging must not be changed from that authorized in paragraph 7.a.(1).

- b. This special permit authorizes the transportation of the hazardous materials in the prescribed packagings without the plastic inner packagings being further individually overpacked in tightly closed metal packagings.
- c. **MARKING:** Each package must be plainly and durably marked "DOT-SP 21664" as required by § 172.301(c).

8. **SPECIAL PROVISIONS:**

- a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.
- 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 packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by OHMS for a specific manufacturing facility or (3) marked with the assigned identification symbol and number by a DOT-recognized approval agency that identified a specific manufacturing facility.
- e. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.

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 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 Quade
Acting 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/MN