



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

**Research and  
Special Programs  
Administration**

**JUL 15 2004**

DOT-E 9024  
(SIXTH REVISION)

EXPIRATION DATE: June 30, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Eurotainer SAS, Puteaux, Cedex, France  
(U.S. Agent: Eurotainer SAS, Inc., Houston, TX)  
(Former Grantee: Arbel-Fauvet-Rail (AFR))

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce of certain Division 2.1 and 2.2 materials in a non-DOT Specification portable tanks. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

- b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.315(a) in that non-DOT specification packaging is authorized.
5. BASIS: This exemption is based on the application of Eurotainer SAS dated June 29, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
1-Chloro-1, 1-difluoroethane or Refrigerant gas, R 142b.	2.1	UN2517	N/A
Chlorodifluoromethane or Refrigerant gas, R 22	2.2	UN1018	N/A
Chloropetafluoroethane or Refrigerant gas, R 115	2.2	UN1020	N/A
Dichlorodifluoromethane or Refrigerant gas, R 12	2.2	UN1028	N/A
1-2-Dichloro-1, 1, 2, 2-Tetrafluoroethane or Refrigerant gas, R 114	2.2	UN1958	N/A
Chlorodifluoromethane and chloropentafuloroethane mixture or Refrigerant gas, R 502 with fixed boiling point with approximately 49 percent chlorodifluoromethane	2.2	UN1973	N/A
Chlorodifluorobromomethane or Refrigerant gas, R 12B1	2.2	UN1974	N/A
1,1, 1, 2-Tetrafluoroethane or Refrigerant gas, R 134a	2.2	UN3159	N/A

And any other flammable gases specifically identified to and acknowledged in writing by the OHMEA prior to the first shipment.

7. SAFETY CONTROL MEASURES:

- a. PACKAGING - Prescribed packagings are non-DOT specification portable tanks, mounted in ISO frames, designed and constructed in accordance with Fauvet-Rail



- (10) Safety Relief Devices -- Two (2), 2.5 inch diameter spring loaded safety relief valves outboard of and in series with one (1), 3.0 inch diameter rupture disc all set at 336.7 psig. Total relief device capacity is 1,373,035 SCFH.
- (11) G-Loadings: Vertical down 2; Vertical up 2; Longitudinal 2; and Transverse 2.
- (12) Maximum Gross Weight (pounds) -- 61,730.
- (13) Maximum Commodity Weight (pounds) -- 43,872
- (14) Tare Weight (pounds) -- 17,858
- (15) Design Specific Gravity -- 1.24
- (16) Design Temperature (°F) -- 122

b. TESTING -

- (1) Hydrostatic test certificates for each tank must be maintained by the owner or manufacturer at its principal business office and be made available to any representative of the DOT upon request.
- (2) Each tank must be (i) visually inspected prior to each trip to insure that it has not been damaged on the previous trip; and (ii) retested and reinspected once every five(5) years in accordance with § 180.605(g) as prescribed for DOT Specification 51 portable tanks.

c. OPERATIONAL CONTROLS -

- (1) Each portable tank must be plainly and durably marked on both sides near the middle, in letters and number at least two inches high on a contrasting background, "DOT-E 9024".
- (2) No product may be shipped that has venting requirements exceeding 1,373,035 SCFH, or has a specific gravity greater than 1.55. The venting required for each product must be determined by the flow formulas contained in Compressed Gas Association (CGA) pamphlet S-1.2.
- (3) The tank must be filled in accordance with the provisions of § 173.315.

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(4) DOT-E 9024 must replace the "DOT-51 specification" marking and be stamped on the metal manufacturer's data plate on the line which reads "D.O.T. Specification No.".

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

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

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo vessel.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this exemption.

b. Portable tanks may not be transported in container-on-flat car (COFC) or trailer-on-flat car (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Association.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption 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 exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption 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.

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

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

12. REPORTING REQUIREMENTS:

a. The holder of this exemption, as identified in paragraph 1 above, must contact the OHMEA immediately after any of the tanks covered by this exemption are sold to another party.

b. Shippers who ship under the terms of this exemption must report any incident involving loss of contents of the tanks described herein to the Associate Administrator for Hazardous Materials Safety as soon as practicable.

Issued in Washington, D.C.:



Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: sln

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Calorie SAS Cedex, FR (US Agent: Chlorine Service Company Kingwood, TX)	Jun 7, 2004	Jul 13, 2004	Jun 30, 2006



Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

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