



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

APR 15 2004

DOT-E 8156
(NINTH REVISION)

EXPIRATION DATE: February 28, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Praxair Distribution, Inc.
Danbury, CT

(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 flammable or non-flammable compressed gases and carbon disulfide in a DOT Specification 39 cylinder up to 225 cubic inches in volume. This exemption provides no relief from the Hazardous Materials Regulations (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 §§ 173.302a(a)(3) and 173.304a(a)(1) in that the DOT-39 specification cylinder has an internal volume of 225 cubic inches.
5. BASIS: This exemption is based on the application of Praxair Distribution, Inc. dated April 1, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name Hazardous Materials Description	Hazard Class/ Division	Identification Number	Packing Group
Compressed gas, flammable, n.o.s	2.1	UN1954	N/A
Compressed gas, n.o.s	2.2	UN1956	N/A
Carbon disulfide	3	UN1131	I
Sulfur hexafluoride	2.2	UN1080	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - The packaging prescribed is DOT Specification 39 steel cylinders having a maximum internal volume of 225 cubic inches and a minimum design service pressure of 2200 psi. The cylinders must be built in compliance with Pressure Pak Container, Inc., drawing no. 82376 dated August 23, 1976, or LIF - O - GEN drawing PR-113 dated September 26, 1975, on file with the Office of Hazardous Materials Exemptions and Approvals(OHMEA), and in conformance with the requirements of §§ 178.65 and 178.35.

b. OPERATIONAL CONTROLS - Maximum permitted filling density must be as specified in §§ 173.302a and 173.304a except that cylinders may not be filled in excess of 2200 psig at 70° F nor may the pressure at 130° F exceed 2750 psig.

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.

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c. Shipments of hydrogen are not authorized for transportation by rail.

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

10. MODAL REQUIREMENT: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

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.

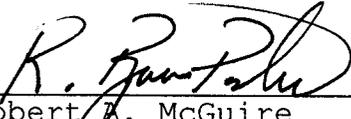
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

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: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken

under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

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
Aeriform Corporation Houston, TX	Mar 10, 2004	Apr 6, 2004	Feb 28, 2006
Air Liquide America L.P. Houston, TX (Former Grantee: Air Liquid America Corp.)	Mar 26, 2004	Apr 6, 2004	Feb 28, 2006
National Welders Supply Company, Inc. Charlotte, NC	Mar 24, 2004	Apr 6, 2004	Feb 28, 2006
Praxair Distribution Southeast, LLC Tequesta, FL	Feb 16, 2004	Mar 17, 2004	Feb 28, 2006



Robert A. McGuire

for Associate Administrator for
Hazardous Materials Safety

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Date