U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

AUG 1 0 2004

DOT-E 9157
(ELEVENTH REVISION)

EXPIRATION DATE: July 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Matheson Tri-Gas
East Rutherford, NJ

(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 hydrogen sulfide in a non-DOT specification multi-unit tank car tank. 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 §§ 173.314(c) Note 7, in that a non-DOT specification multi-unit tank car tank is not authorized, except as specified herein.

5. BASIS: This exemption is based on the application of Matheson Tri-Gas dated June 8, 2004, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
Hydrogen sulfide	2.3	UN1053	n/a

7. SAFETY CONTROL MEASURES: Prescribed packaging is a non-DOT specification multi-unit tank car tank manufactured from ASTM A-516 Grade 70 normalized steel designed and constructed in accordance with DOT Specification 110A1000-W. Tanks must be as shown on Columbiana Boiler Company drawing number 9283-Q dated September 2, 1983.

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.

c. Drivers must have been instructed as to necessary safeguards and proper procedures in the event of unusual delay, fire, or accident.

d. For transportation by motor vehicle, each multi-unit tank car tank must be carried in conformance with the requirements of § 177.834(m).

e. Each multi-unit tank car tank must be reinspected and retested in accordance with the requirements of § 173.31 as prescribed for DOT Specification 110A1000-W multi-unit tank car tanks.

f. Each multi-unit tank car tank must be plainly marked on two sides near the middle, in letters and numerals at least two inches high on a contrasting background, "DOT-E 9157" and "HYDROGEN SULFIDE".

g. "DOT-E 9157" must be stamped on the chime ring in lieu of the DOT specification number as specified in §179.300-18.

h. Multi-unit tank car tanks must be adequately stowed and secured within each freight container for shipment by cargo vessel.

i. This exemption serves as a Competent Authority Approval **(CA-9902002)**, issued by the Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration (RSPA), of the United States Department of Transportation, in accordance with Paragraph 2.4.1 of the Introduction to Class 2 of the International Maritime Dangerous Goods (IMDG) Code.

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

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel and 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:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- 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.
- 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 this 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.:

AUG 1 0 2004
(DATE)

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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: dl

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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
Airgas, Inc. Cheyenne, WY	Sep 02, 2002	Sep 25, 2002	Aug 31, 2004

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety