



U.S. Department
of Transportation

Research and
Special Programs
Administration

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

OCT 5 2004

DOT-E 6769
(SEVENTH REVISION)

EXPIRATION DATE: September 30, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: E.I. DuPont de Nemours & Company, Inc.
Wilmington, DE
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain Division 2.1 and 2.2 gases described in paragraph 6 below in DOT Specification tank cars and cargo tanks. 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 § 173.314 and § 173.315, except as specified herein.
5. BASIS: This exemption is based on the application of E.I. DuPont de Nemours & Company, Inc. dated August 26, 2004 submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):**OCT 5 2004**

| Hazardous Material Description | | | |
|---------------------------------------|-------------------------------|------------------------------|----------------------|
| Proper Shipping Name | Hazard Class/ Division | Identification Number | Packing Group |
| Liquefied gas, flammable, n.o.s. | 2.1 | UN3161 | N/A |
| Trifluoromethane | 2.2 | UN1984 | N/A |

7. SAFETY CONTROL MEASURES:

a. Packagings - authorized are:

(1) An insulated DOT Specification MC-331 cargo tank motor vehicle having a water capacity of 4400 gallons and constructed in accordance with Lubbock Manufacturing Company's Drawings STR 484-A through STR 484-A8, as revised, on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA).

(2) DOT Specification 105A600W tank car tanks.

b. Each cargo tank must be filled by weight to allow at least 2% outage below the inlet of the pressure relief valve under conditions of incipient opening of this valve with the tank in a level attitude.

c. Each cargo tank used for chlorodifluoromethane (R22)/dimethyl ether blends must have liquid and vapor discharge openings fitted with remotely controlled internal self-closing stop valves in accordance with § 178.337-1(a)(2).

d. OPERATIONAL CONTROLS -

(1) Before transportation in an empty condition, each cargo tank and tank car tank must be emptied of liquid content. In addition, the vapor pressure must be so reduced as to avoid the possibility of venting en route.

(2) Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 6769." Each tank car tank must be stenciled "DOT-E 6769" in letters at least four inches high on a contrasting background above the DOT specification stenciling.

(3) Shipment may not be tendered to the rail carrier at a temperature below minus 50°F.

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 modification or change is made to the package or its contents 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 and rail freight.

10. MODAL REQUIREMENTS:

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

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

c. Motor carriers operating under the terms of this exemption must have a "Satisfactory" or "Conditional" safety rating as prescribed in § Part 385.

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.

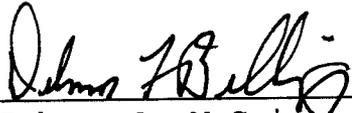
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

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.:



OCT 5 2004

Date

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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.

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