



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

APR 10 2003

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

DOT-E 10850
(SIXTH REVISION)

EXPIRATION DATE: March 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Ashland, Inc.
Columbus, OH
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain cylinders subjected to a complete external visual inspection in lieu of the periodic hydrostatic retest. 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: The internal visual examination and hydrostatic pressure test requirements of §§ 180.205(e) and (f).
5. BASIS: This exemption is based on Ashland, Inc.'s application dated March 26, 2003 submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Amines, flammable, corrosive, n.o.s. (N,N-Dimethylisopropylamine)	3	UN2733	II
Amines, flammable, corrosive, n.o.s. (Dimethylethylamine)	3	UN2733	II
Triethylamine	3	UN1296	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are DOT 4BW cylinders with a maximum water capacity of 1,000 pounds. The cylinders may not contain over 110 gallons of dimethylethylamine, triethylamine or N,N-Dimethylisopropylamine. The cylinders may not be pressurized except for the purpose of removing their contents. The maximum pressure to be used for this purpose is 20 psig. Each cylinder must be painted.

b. TESTING - Each cylinder must be subjected to at least one hydrostatic retest according to the requirements in § 180.205(g). In lieu of subsequent internal visual examination and hydrostatic retests, each cylinder must be subjected to complete external visual inspections at five-year intervals. External visual inspections must comply with the following:

(1) Inspections must be in accordance with CGA Pamphlet C-6.

(2) Inspections must be made only by a person competent in external visual inspection of 4BW cylinders.

(3) The results of the inspections must be recorded and maintained in accordance with § 180.215(b).

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c. OPERATIONAL CONTROLS -

(1) Prior to each refilling and shipping, the cylinders must be visually inspected for container integrity in accordance with § 173.301(a)(2).

(2) Dimethylethylamine, triethylamine or N,N-Dimethylisopropylamine must contain no more than 0.2% water when transported in cylinders authorized by this exemption.

(3) Each cylinder must be used exclusively to transport dimethylethylamine, triethylamine or N,N-Dimethylisopropylamine throughout its service life. If for any reason the cylinder is removed from the authorized dimethylethylamine, triethylamine or N,N-Dimethylisopropylamine service, the cylinder must have all DOT specification markings permanently removed and must be scrapped.

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. MARKING -

(1) Cylinders passing the prescribed external visual inspection must be marked in accordance with the requirements specified in § 180.213(f)(5).

(2) The outside of each cylinder must be plainly and durably marked "DOT-E 10850".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: This exemption imposes no additional modal requirements other than as required in the HMR.

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 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.:

dm 

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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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: AM