



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

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

**OCT 17 2003**

DOT-E 12340  
(FOURTH REVISION)

**EXPIRATION DATE: September 30, 2005**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: General Chemical West LLC  
Parsippany, NJ  
(Former grantee: General Chemical Corporation)
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain UN3H1 jerricans, containing ammonia solutions, which exceed the vapor pressure requirements. The jerricans will be transported within temperature controlled vehicles. 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 § 173.24a(b)(4) in that the jerricans, containing ammonia solutions, may not exceed the vapor pressure requirements, except as specified herein.
5. BASIS: This exemption is based on the application of General Chemical West LLC dated September 19, 2003, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Ammonia solutions, relative density less than 0.888 and 0.957 at 15 degrees C in water, with more than 10 percent but not more than 35 percent ammonia.	8	UN2672	III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are high density polyethylene, 5 gallon UN31H jerricans certified to UN3H1/Y1.8/250 as a minimum.

b. OPERATIONAL CONTROLS -

(1) Shipment must be made by private or a dedicated contract carrier utilizing temperature controlled vehicles which maintain the temperature of the ammonia solution below that which would result in the internal pressure of the jerricans exceeding 125 kPa.

(2) The driver must be trained in accordance with the refrigeration system failure plan and the specific emergency action guidance plan on file with the Office of Hazardous Materials Exemptions and Approvals. The plans must be carried on the motor vehicle for all shipments made under this exemption.

8. SPECIAL PROVISIONS:

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

b. Each jerrican must be marked "DOT-E 12340" in accordance with the requirements contained in § 172.301(c).

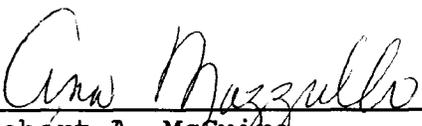
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption and the emergency action guidance plan must be carried aboard each motor vehicle used to transport packages covered by this exemption.
11. COMPLIANCE: Failure by a person to comply with any 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 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.:

  
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Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

OCT 17 2003

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(DATE)

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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: sln