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

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

DOT-E 12194
(SECOND REVISION)

AUG 2 2001

EXPIRATION DATE: June 30, 2003

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Air Products and Chemicals, Inc.
Allentown, PA

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of dimethylamine aqueous solution not exceeding 65 percent concentration in DOT Specification IM 101 portable 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 § 172.101(c)(7) Special Provision T34 which limits aqueous solutions to not more than 40% dimethylamine.

5. BASIS: This exemption is based on the application of Air Products and Chemicals, Inc. dated July 30, 2001 submitted in accordance with § 107.109 and supplement information dated July 31, 2001.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
Dimethylamine solution (aqueous solutions containing not more than 65% dimethylamine)	3	UN1160	II

AUG 2 2001

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a DOT Specification Intermodal (IM) portable tank meeting the following requirements:

IM tank type: IM 101

Minimum test pressure: 6 bars

Pressure relief devices: § 178.270-11(a)(1),(2)

Bottom outlets: § 173.32c(g)(2)

Insulation of tank: Two (2) inches of insulation with a metal jacket.

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. This exemption serves as a Competent Authority Approval (CA-9908014), 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 13.1.1.4.1 of the General Introduction to the International Maritime Dangerous Goods (IMDG) Code.

d. The authority to grant the relief provided within this exemption is limited to the extent that the United States government has authority over the transportation of the material subject to this exemption. Transportation in accordance with this exemption outside the jurisdiction of the United States may require the approval of governments of countries where this material is so transported.

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

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

    - 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.:

R. Ryan Posten

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

AUG 2 2001
(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.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: CHKe/sln