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

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

MAR 12 2002

DOT-E 11737
(SIXTH REVISION)

EXPIRATION DATE: July 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: Rensselaer Polytechnic Institute, Troy, NY.

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the one-way, one-time transportation in commerce of a non-DOT specification portable tank containing solid sodium, Division 4.3 material. 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 § 173.244 in that a non-DOT specification packaging is authorized.

5. BASIS: This exemption is based on the application of Rensselaer Polytechnic Institute dated May 3, 2001, submitted in accordance with § 107.109 and subsequent information submitted on March 7, 2002.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	**Hazard Class/ Division**	**Identification number**	**Packing Group**
Sodium	4.3	UN1428	I

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7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification cubical container (tank), approximately 80.4 inches on each side, containing 12,500 pounds of sodium. The tank must be as described in the exemption application. The inner vessel containing sodium must be fabricated of type 304 stainless steel.

b. OPERATIONAL CONTROLS - The sodium must be fused solid and completely covered by an inert gas blanket before shipment.

8. SPECIAL PROVISIONS:

a. Authorization is granted for the one-way one-time transportation of the tank described in paragraph 7 above from Troy, NY to Oak Ridge, TN. The tank must be shipped on an exclusive-use, placarded, motor vehicle.

b. Grantee must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

c. MARKING - Two opposing sides of the tank must be marked with letters 2 inches high on a contrasting background, "DOT-E 11737."

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

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. Each tank tie down assembly must conform to the requirements of § 393.100.

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 laws; 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 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 incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

For Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

MAR 12 2002
(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 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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