U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

OCT 5 2004

DOT-E 6971
(SIXTEENTH REVISION)

EXPIRATION DATE: August 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Chem Service, Inc.
West Chester, Pennsylvania

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of packages containing small quantities of hazardous materials, identified as analytical standards, under the provisions of § 173.4 where the gross mass of the completed packaging may exceed the 29 kg gross weight limit specific in § 173.4. This exemption provides no relief from any regulation 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 § 173.4(a)(1) and (8) in that the gross weight limit is exceeded.

5. BASIS: This exemption is based on the application of Chem Service, Inc., dated September 7, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101): This exemption authorizes the shipment of those hazardous materials identified in § 173.4(a), with the exception of class 7 materials.

7. SAFETY CONTROL MEASURES:

a. QUANTITY LIMITS: The maximum quantity of hazardous material per inner receptacle is limited to:

(i) 10 ml for liquid, other than Division 6.1, Packing Group I, materials;

(ii) 10 g of solid materials;

(iii) 1 g of materials classed as Division 6.1, Packing Group I.

b. INNER PACKAGING: Inner receptacles may be glass bottles, plastic bottles and glass ampoules and must be packaged as follows:

(i) In metal cans enclosed in a heat sealed polyethylene bag of 0.004 inch minimum thickness or in metal boxes with single or multiple drawers enclosed in a heat sealed polyethylene bag of 0.004 inch minimum thickness.

(ii) Materials may not be packaged in the same metal can or box if the commingling of those materials would lead to the dangerous generation of heat or gas.

(iii) The cans and boxes must contain sufficient chemically inert cushioning and absorbent capable of absorbing the entire contents of the liquid receptacles.

c. OVERPACK: Each inner packaging must be overpacked as follows:

(i) Each can or metal box must be over packed in a strong outside wooden or fiberboard packaging.

(ii) The maximum quantity of hazardous material in a single overpack may not exceed 10 kg.

(iii) The gross mass of the completed overpack may not exceed 150 kg.

d. TESTING - A prototype of the completed package must be capable of successfully passing the tests in § 173.4(a)(6).

8. SPECIAL PROVISIONS:

a. Packages prepared as described in this exemption are exempt from 49 CFR, Parts 171-180. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption.

b. Persons who need to return certain individual items may do so only under the following conditions:

(i) A material may only be shipped in its original undamaged inner packaging.

(ii) The inner packaging may only be shipped in metal cans furnished by the exemption holders and must be packaged in accordance with paragraph 7(b) of this exemption.

c. MARKING - Each package shipped under this exemption must be plainly marked "Analytical Standards" and "DOT-E 6971".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, passenger-carrying aircraft, and cargo aircraft.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel, aircraft or motor vehicle used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption to the air carrier before or at the time the shipment is tendered.

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.

- 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.

- 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.:

OCT 5 2004

(DATE)

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, 400 Seventh Street, SW, 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: FRA/dl

OCT 5 2004

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Absolute Standards, Inc. Hamden, CT	Oct 26, 2002	Nov 12, 2002	Oct 31, 2004
AccuStandard, Inc. New Haven, CT	Dec 09, 2002	Jan 21, 2003	Oct 31, 2004
Chem Service, Inc. West Chester, PA	Oct 15, 2002	Nov 06, 2002	Oct 31, 2004
Pelco Intenational Redding, CA	Jan 06, 2003	Feb 05, 2003	Oct 31, 2004
Pelco International Redding, CA	Jan 06, 2003	Feb 05, 2003	Oct 31, 2004
Protocol Analytical, LLC Metuchen, NJ	May 19, 2003	May 27, 2003	Oct 31, 2004
SPI Supplies Division of Structure Probe, Inc. West Chester, PA	Nov 04, 2002	Dec 09, 2002	Oct 31, 2004

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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