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

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

SEP 19 2001

DOT-E 9508
(FIFTH REVISION)

EXPIRATION DATE: October 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Callery Chemical Co.
Pittsburgh, PA

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of certain Division 4.3 materials in DOT-4BW240 cylinders that are visually inspected externally instead of the required hydrostatic retest. This exemption provides no relief from any Hazardous Materials Regulation (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 § 173.34(e)(13) in that a periodic external visual inspection is performed instead of the required hydrostatic test and internal visual inspection for the specified material; and §§ 175.3 and 173.211 in that use of a DOT-4BW240 is authorized as specified herein.

5. BASIS: This exemption is based on the application of Callery Chemical Company dated May 11, 2001, submitted in accordance with § 107.105 and the public proceeding therein.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
Potassium sodium alloys	4.3	UN1422	I

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Prescribed packagings is a DOT Specification 4BW240 cylinder. Each cylinder is subject to the following requirements:

(1) The lading must be covered with a nitrogen blanket of not over 5 psig.

(2) The maximum cylinder pressure must be 15 psig at 115°F, including pressure exerted by the nitrogen blanket.

b. OPERATIONAL CONTROLS:

(1) Each cylinder must be exclusively used in potassium sodium alloy service.

(2) The lading must be commercially free from corroding components.

c. TESTING:

(1) Each cylinder must be given a complete external visual inspection at least once every five (5) years in accordance with § 173.34(e)(13). The inspection must be in accordance with Compressed Gas Association (CGA) Pamphlet C-6. The cylinder must be approved, rejected or condemned according to the criteria in the pamphlet. A cylinder which fails the visual inspection must be removed from service and stamped condemned as specified in § 173.34(e)(6)(ii).

(2) Each person performing the visual inspections authorized by this exemption must have a copy of CGA Pamphlet C-6 and be familiar with its acceptance/rejection criteria, a current copy of this exemption, 49 CFR Parts 100 - 185, and other reference material required by the applicable sections of § 173.34 and this exemption.

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. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accident.

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

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel and aircraft used to transport packages covered by this exemption. The shipper must furnish a 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.

- 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 49 CFR §§ 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 incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

SEP 19 2001

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

(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.

PO: cwf