U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

APR 15 1991

DOT-E 8878
(THIRD REVISION)

1. Amalgamet Canada - Division of Premetalco, Inc., Toronto, Canada (U.S. Agent: AMC Chemicals, Ridgefield, New Jersey), is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of a certain corrosive liquid for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the shipment of germanium tetrachloride in a glass container of less than three gallon capacity, which, in turn, is placed in a cushioned cylindrical steel overpack, and not more than six overpacks are packed in a compartmented wooden box, and provides no relief from any regulation other than as specifically stated. Each of the following is hereby granted the status of a party to this exemption:

PPM Pure Metals GMBH, Langelshiem, West Germany, (U.S. Agent: AMC Chemicals, Ridgefield, New Jersey) -PTE-1.

2. BASIS. This exemption is based on Amalgamet Canada's application dated December 17, 1990, and supplemental letter dated December 20, 1990, submitted in accordance with 49 CFR 107.105 and 107.103 and the public proceeding thereon. The granting of party status is based on the following application(s) submitted in accordance with 49 CFR 107.111 and public proceeding thereon:

PPM Pure Metals GMBH's application dated May 31, 1990.

3. HAZARDOUS MATERIALS (Descriptor and class). Germanium tetrachloride, classed as corrosive material.

4. PROPER SHIPPING NAME (49 CFR 172.101). Corrosive liquid, n.o.s..

5. REGULATION AFFECTED. 49 CFR 173.3a, 173.245.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle and cargo vessel.

7. SAFETY CONTROL MEASURES. Packaging prescribed comprises three components: Exterior- Plywood box (modified DOT Specification 19A), compartmented to carry six intermediate packages, Intermediate- Two-piece cylindrical steel overpack (modified DOT Specification 6D), internally cushioned to protect primary glass container; Primary - Inside glass container of less than three-gallon capacity, surrounded by vermiculite cushioning and enclosed in a bag of polyethylene film. (Closure consists of a teflon valve system). Intermediate steel overpacks are cushioned with expanded polystyrene slab stock to minimize movement and the completed exterior wood box is permanently mounted on a wooden pallet and then further reinforced by means of vertical steel strapping. Details of containment design and drawings of same are as shown in petitioner's application.

8. SPECIAL PROVISIONS.

a. Persons who receive packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with, and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. The following additional requirements apply to the transportation of materials requiring special packaging approval as specified in 49 CFR 173.3a:

(1) This exemption serves as a special packaging approval under the provisions of 49 CFR 173.3a(a)(3).

(2) For highway transportation, each motor carrier used to transport packagings offered in accordance with the terms of this exemption must have a "Satisfactory" safety rating as prescribed in 49 CFR Part 385.

(3) In addition to the requirements of 49 CFR 171.15 and 171.16, the Office of Hazardous Materials Exemptions and Approvals (OHMEA) must be notified of any incident involving damage to the packaging or loss of contents of materials shipped under this exemption;

(4) The Exemptions Branch, OHMEA shall be advised of the causes of the incident and any remedial action taken, as a result of the incident as soon as practical after its occurrence;

(5) The Exemptions Branch, OHMEA must be notified annually, within 30 days after the end of the calendar year, of the shipping experience of the material covered by this exemption. Failure to comply may result in the immediate suspension of this exemption; and

c. A copy of this exemption must be carried onboard each vessel used to transport packages covered by this exemption.

9. REPORTING REQUIREMENTS. Any incident involving loss of packaging contents or packaging failure must be reported to the Associate Administrator for Hazardous Materials Safety as soon as practicable.

10. EXPIRATION DATE. July 31, 1992.

Issued at Washington, D.C.:

APR 15 1991

Alan I. Roberts
Director
Associate Administrator
for Hazardous Materials Safety

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C., 20590. Attention: Exemptions Branch.

Dist: FHWA.