U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 7873 (EXTENSION)
FIRST REVISION August 30, 1988

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 7873 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to May 31, 1994. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

JUL 30 1992
(DATE)

Dist: FHWA FRA USCG

EXEMPTION HOLDER	APPLICATION DATE
Bromine Compounds, Limited Beer-Sheva, Isreal (U.S. AGENT: AmeriBrom, Inc. New York, NY)	May 28, 1992

U.S. Department of Transportation
Research and Special Programs Administration
400 Se
Washing

DOT-E 7873
(FIRST REVISION)

AUG 30

1. Bromine Compounds Limited, Beer Sheva, Israel (U.S. Agent: Ameribrom Incorporated, New York City, New York) is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of a Class B poison liquid for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of non-DOT specification intermodal portable tanks for a certain class B poison, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Ameribrom's Inc.'s applications dated September 16, 1986 and April 14, 1988, submitted in accordance with 49 CFR 107.105 and 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Methyl bromide and nonflammable, nonliquefied compressed gas mixture, classed as poison B.

4. PROPER SHIPPING NAME (49 CFR 172.101). Methyl bromide and nonflammable, nonliquified compressed gas mixture, liquid.

5. REGULATION AFFECTED. 49 CFR 173.353a.

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

7. SAFETY CONTROL MEASURES.

a. Packaging prescribed is a non-DOT specification portable tank mounted an in ISO frame, designed and constructed in accordance with Bleirwerk Goslar drawing No. 77-0-5907.00 Revision zero dated September 16, 1977, technical specifications and calculations on file with the Office of Hazardous Materials Transportation (OHMT), and in compliance with the following:

(1) Code--Complies with the IMO 5, and is in conformance with the ASME Code, but not certified.

(2) Insulation - None

(3) Number of Compartments - ONE

(4) Water Capacity (U.S. Gallons) - 3,262

(5) Material - Low alloy carbon steel, tensile strength 78,464 PSI minimum.

(6) Tank Size (inches)

(outside dia)	X	(length)	X	(thickness)
67	X	230	X	0.400

Head Thickness - 0.500

Joint efficiency 1.0

(7) Design Pressure (PSIG) - 175
Note: Design pressure means "maximum allowable working pressure (MAWP)" as used in the ASME Code.

(8) Test Pressure, Minimum (PSIG) - 263

(9) Opening--20" diameter manhole top; other openings in top; no bottom openings.

(10) Tank surface area (square feet) - 348.

(11) Safety Relief Devices - One 3" safety relief valve outboard of rupture disc.

Valve setting - 175 PSIG
Rupture Disc setting - 175 PSIG

Capacity - 1,200,000 SCFH

(12) G-Loadings: Vertical down 2; Longitudinal 2; Upward 1; and Transverse 1.

(13) Maximum Gross Weight - 52,250 pounds.

8. SPECIAL PROVISIONS.

a. Persons who receive packages covered by this exemption may reship them pursuant to the provisions of 49 CFR 173.22a.

b. A copy of this exemption must be carried aboard each vessel and motor vehicle used to transport packages covered by this exemption.

c. For shipment by water, storage must be "on deck in open".

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

e. Each portable tank must be (1) visually inspected prior to each trip to insure it has not been damaged on the previous trip and (2) visually reinspected and retested once every 5 years in accordance with 49 CFR 173.32(e) as prescribed for DOT Specification 51 portable tanks.

f. Each portable tank must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background, "DOT-E 7873".

g. Hydrostatic test certificates for each tank must be on file with the OHMT prior to the first shipment.

h. A certificate of safety valve test must be on file with the OHMT prior to the first shipment.

i. Portable tanks may not be transported in container-on-flat car (COFC) or trailer-on-flat car (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Administration.

9. REPORTING REQUIREMENTS.

a. The owner of the tanks covered by this exemption shall provide to the OHMT a list of all shippers who have shipped under this exemption and a shipping experience report every six months from the effective date of this exemption. The shipping experience report shall contain approximate number of shipments made during the previous six months and any difficulties encountered.

b. The holder of this exemption, as identified in paragraph 1 above, shall contact the OHMT immediately after any of the tanks covered by this exemption are sold to another party.

c. Shippers who ship under the terms of this exemption shall report any incident involving loss of contents of the tanks described herein to the OHMT as soon as practicable.

10. EXPIRATION DATE. October 31, 1988.

Issued at Washington D.C.:

AUG 30 1988

Alan I. Roberts
Director
Office of Hazardous Materials
Transportation

DATE

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

Dist: FHWA, USCG, FRA