U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 7650 (EXTENSION)
SECOND REVISION June 19, 1987
CORRECTED COPY

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 7650 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to April 30, 1998. 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.

for Marilyn E. Morris
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

July 2, 1996
(DATE)

Dist: FHWA USCG

EXEMPTION HOLDER	APPLICATION DATE
ICI Americas, Inc. Wilmington, DE	April 22, 1996

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1. ICI Americas, Inc., Wilmington, Delaware, is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages prescribed herein of certain nonflammable compressed gases for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of non-DOT specification portable tanks, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on ICI Americas, Inc.'s application dated August 30, 1978, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Mixtures of dichlorodifluoromethane and trichlorofluoromethane (described as Refrigerant Gas, n.o.s), dichlorodifluoromethane, and monochloropentafluoroethane, classed as nonflammable gases; other nonflammable gases specifically identified to, and acknowledged in writing by the Office of Hazardous Materials Transportation prior to first shipment.

4. PROPER SHIPPING NAME (49 CFR 172.101). Dichlorodifluoromethane or Monochloropentafluoroethane or Refrigerant gas, n.o.s., as appropriate.

5. REGULATION AFFECTED. 49 CFR 173.315.

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

7. SAFETY CONTROL MEASURES. Packaging prescribed is a non-DOT specification vacuum insulated steel portable tank mounted within an ISO Frame having a nominal capacity of 3225 U.S. Gallons (12.2 cubic meters). Each tank must be designed and constructed in accordance with Section VIII, Division I of the ASME Code and in accordance with I.C.I. drawing RS333930, Revision zero, dated April 9, 1974, on file with the Office of Hazardous Materials Transportation (OHMT).

a. Additional tank requirements:

Maximum allowable working pressure (MAWP)	223 psig.
Test pressure	445 psig.
Maximum allowable gross weight	53,800 lb.
Weld radiography	100%
Safety relief devices	
Two 2" spring loaded	set at 245 psi.
Minimum combined capacity	20948 SCFM.

Bottom openings.
One 1 1/4 inch with excess flow valve and standpipe to vapor space.
Closed with blind flange for shipment.
One 4-inch flanged liquid outlet with remotely controlled internal valve.

b. Test certificates for each tank must be on file with the OHMT prior to initial shipment.

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 must be carried aboard each vessel used to transport packages covered by this exemption.

c. Each tank must be (i) visually inspected prior to each trip to insure that it has not been damaged on the previous trip; (ii) visually inspected at least once every two and one-half years in accordance with the provisions of 49 CFR 177.824(b); and (iii) pressure tested at least once every five years to one and one-half time the design pressure plus 15 psig plus the static head.

d. 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 7650."

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the OHMT as soon as practicable.

10. EXPIRATION DATE. August 31, 1988.

Issued at Washington, D.C.:

J. Suzanne Hedgspeth JUN 19 1987

Alan I. Roberts (DATE)
Director
Office of Hazardous Materials
Transportation

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: Exemption Branch.

Dist: USCG, FHWA