U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

**DOT-E 10384 (EXTENSION)**
**ORIGINAL April 30, 1991**

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10384 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to January 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.

FEB 27 1992
(DATE)

J. Suzanne Hedgspeth
for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

Dist: FHWA

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Great Lakes Chemical Corporation<br>El Dorado, AR | January 9, 1992 |

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DOT-E 10384

1. Great Lakes Chemical Corporation, El Dorado, Arkansas, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer or transport packages prescribed herein of a flammable compressed gas for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of MC 331 cargo tanks to transport a flammable compressed gas, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Great Lakes Chemical Corporation's application dated may 16, 1990, and supplemental information dated August 14, 1990, September 5, 1990, and November 30, 1990, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class).

a. 3,3,3 Trifluoropropene, classed as a flammable gas.

4. PROPER SHIPPING NAME (49 CFR 172.101). Compressed gas, n.o.s.

5. REGULATION AFFECTED. 49 CFR 173.315.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES.

a. Packagings prescribed are DOT Specification MC 331 (49 CFR 178.337) cargo tanks with water capacities ranging from 3600 to 4718 gallons and having a minimum design pressure of 265 psig.

b. The product piping system is designed such that all lines are void product during transportation.

c. The liquid portion of the gas may not completely file the tank at 90°F.

At

8. SPECIAL PROVISIONS.

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

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

c. Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 10384."

d. Each cargo tank must be inspected and tested in accordance with 49 CFR §180.407.

e. 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.

f. Motor carriers operating under the terms of this exemption must have a "Satisfactory" or "Conditional" safety rating as prescribed in 49 CFR Part 385.

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. March 31, 1992.

Issued at Washington, D.C.

APR 30 1991

Alan I. Roberts
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, FRA, USCG.