U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 6602 (EXTENSION)
FOURTH REVISION March 10, 1986

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 6602 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to August 31, 1995. 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.

SEP 14 1993
(DATE)

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

Dist: FHWA FRA

EXEMPTION HOLDER	APPLICATION DATE
Great Lakes Chemical Corporation El Dorado, AR	July 2, 1993

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DOT-E 6602
(FOURTH REVISION)

1. Ethyl Corporation, Baton Rouge, Louisiana, is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages of certain corrosive liquids and nonflammable compressed gases for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of DOT 105A500W or 106A500X tank car tanks, 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:

Jones Chemicals, Inc., Caledonia, New York - PTE-1.
Great Lakes Chemical Corporation, El Dorado, Arkansas - PTE-2.

2. BASIS. This exemption is based on Ethyl Corporation's application dated October 30, 1985, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon. The granting of party status is based on the following applications submitted in accordance with 49 CFR 107.105 and 107.111 and the public proceeding thereon:

Jones Chemicals, Inc.'s application dated December 11, 1985.
Great Lakes Chemical Corporation's application dated December 26, 1985.

3. HAZARDOUS MATERIALS (Descriptor and class). Bromine chloride, bromine-chlorine mixtures Br_3Cl and Br Cl, classed as corrosive materials; and Bromine-chlorine mixtures $Br\ Cl_2$, $Br\ Cl_3$, and $Br\ Cl_5$, classed as nonflammable gases.

4. PROPER SHIPPING NAME (49 CFR 172.101). Corrosive liquid, n.o.s., or compressed gas, n.o.s., as appropriate.

5. REGULATION AFFECTED. 49 CFR 173.245(a), 173.314(c).

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle and rail freight.

7. SAFETY CONTROL MEASURES. Packaging prescribed is:

a. DOT Specification 105A500W tank car tank or 106A500X multi-unit tank car tank.

b. The outage for the tank car must not be less than 2 percent at 70°F. but otherwise comply with requirements set forth in 49 CFR 173.241(a)(3).

c. In no case may the tank be liquid-full at 130°F. However, for commodities shipped as compressed gas, the liquid portion of the gas at 105°F. must not completely fill an insulated tank.

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. Tanks must be equipped with safety relief valves of the type approved for chlorine tanks, except that stainless steel valves manufactured by Superior Valve and Fitting Co. in accordance with their drawing number 5983 may be substituted for valves otherwise required..

c. Tanks and safety relief valves must be reinspected and retested once every 2 years in accordance with 49 CFR 173.31(c) and (d).

d. DOT Specification 105A500W tank car tanks may be fitted with a corrosion sensor as approved by the Association of American Railroads (AAR) Committee on Tank Cars. A copy of the AAR approval must be on file with the Office of Hazardous Materials Transportation (OHMT) prior to the use of tank cars fitted with corrosion sensors.

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. January 15, 1988.

Issued at Washington, D.C.:

MAR 10 1986

(DATE)

Alan I. Roberts
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: Exemptions Branch.

Dist: FHWA, FRA