U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 6704 (EXTENSION)
SECOND REVISION May 27, 1982

In accordance with 49 CFR 107.109 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 6704 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to July 31, 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 107.109. This extension constitutes a necessary part of this exemption and must be attached to it.

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

December 5, 1996
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
Dow Chemical Company Midland, MI	June 24, 1996

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DOT-E 6704
(SECOND REVISION)

1. Dow Chemical Company, Midland, Michigan, 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 corrosive liquids for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of non-DOT specification cargo tanks, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Dow Chemical Company's application dated February 19, 1982 submitted in accordance with 49 CFR 107.105 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Chloroacetyl chloride, monochloroacetic acid, trichloroacetic acid, or caustic soda, liquid. Maximum weight of commodity must not exeed 13 pounds per gallon, classed as corrosive materials.

4. PROPER SHIPPING NAME (49 CFR 172.101). Corrosive liquid, n.o.s., or specific chemical name, as appropriate.

5. REGULATION AFFECTED. 49 CFR 173.245a, 173.249, 173.253, 173.294, 178.340, 178.343.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a cargo tank fabricated from Monel 400, instead of Type 316 stainless steel, and otherwise complying with specification MC-312 (§178.343) except as follows:

178.340-10(b)(1) - On the metal certification plate, the specification identification must show "DOT-E 6704" in place of MC-312. Cargo tanks marked "DOT SP-6704" prior to April 15, 1977, may be shipped under the terms of this exemption.

8. SPECIAL PROVISIONS.

a. Tank is to be built for an unloading pressure of approximately 30 psig.

b. Tank must be insulated and, except as otherwise provided herein must comply with Fruehauf Corporation's Drawing No. 4BL021601-1 and 2, dated October 1, 1981, on file with the Office of Hazardous Materials Regulation (OHMR).

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

d. The cargo tank must be reinspected and retested in accordance with 49 CFR 177.824 as prescribed for DOT Specification MC-312 cargo tanks. Pneumatic retesting at one and one-half times the design pressure is authorized in place of the required hydrostatic test. Compliance with 49 CFR 177.824(c)(4) is hereby waived.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the packages must be reported to the Office of Hazardous Materials Regulation as soon as practicable.

10. EXPIRATION DATE. April 15, 1984.

Issued at Washington, D.C.:

MAY 27 1982
(DATE)

Alan I. Roberts
Associate Director for
Hazardous Materials Regulation
Materials Transportation Bureau

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

Dist: FHWA.