U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 8509
(FIRST 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 corrosive liquid for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of a safety relief valve in lieu of a safety vent in DOT specification 111A100W5 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.

Mobay Chemical Corp., Pittsburgh, Pa. - PTE-1.

2. BASIS. This exemption is based on Dow Chemical Company's application dated October 8, 1982 submitted in accordance with 49 CFR 107.105 and the public proceeding thereon. The granting of party status is based on the following application submitted in accordance with 49 CFR 107.111 and the public proceeding thereon.

Mobay Chemical Corporation's application dated October 19, 1982.

3. HAZARDOUS MATERIALS (Descriptor and class). Hydrochloric acid not over 38 percent strength by weight, classed as a corrosive material.

4. PROPER SHIPPING NAME (49 CF 172.101). Hydrochloric acid.

5. REGULATION AFFECTED. 49 CFR 173.263(a)(9); 179.201-1.

6. MODES OF TRANSPORTATION AUTHORIZED. Rail freight.

7. SAFETY CONTROL MEASURES. Packaging prescribed is DOT specification 111A100W5 tank car tank equipped with a safety relief valve (SRV) complying with Midland Manufacturing Corporation's part number A 1475 HB on file with the Office of Hazardous Materials Regulation (OHMR). The SRV must be retested every five years in accordance with §173.31(c)(6).

8. SPECIAL PROVISIONS. Not applicable.

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

10. EXPIRATION DATE. November 20, 1984.

Issued at Washington, D.C.:

J. R. Grothe for

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

JAN 6 1983
(DATE)

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

Dist: FRA