U.S. Department of Transportation
Research and Special Programs Administration

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

EXPIRED

DOT-E 8477
(CORRECTED COPY)

1. Mobay Chemical Corporation, Pittsburgh, Pennsylvania, 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 thionyl chloride for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of a non-authorized specification packaging (111A100W6), and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Mobay Chemical Corporation's application dated August 14, 1980, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon, and supplemented by its letter dated February 18, 1981.

3. HAZARDOUS MATERIALS (Descriptor and class). Thionyl chloride classed as a corrosive (liquid) material.

4. PROPER SHIPPING NAME (49 CFR 172.101). Thionyl chloride.

5. REGULATION AFFECTED. 49 CFR 173.247(a).

6. MODE OF TRANSPORTATION AUTHORIZED. Rail freight.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a non-insulated DOT Specification 111A100W6 made of ASTM A 240 type 316L or 304L stainless steel and not heat treated, having 12,000 gallons nominal water capacity. These tank car tanks must not have any bottom outlets and must be equipped with spring-loaded relief valves.

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. Tank lading must be covered with a dry nitrogen blanket at not less than atmospheric pressure but at not more than 1.2 times atmospheric pressure.

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

10. EXPIRATION DATE. September 30, 1982.

Issued at Washington, D.C.:

MAR 25 1981
(DATE)

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

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.

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