U.S. Department
of Transportation

Research and
Special Programs
Administration

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

JAN 6 1992

DOT-E 10174
(SECOND REVISION)

1. Ethyl Corporation, Baton Rouge, Louisiana, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer a package prescribed herein of a flammable solid for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes a one-time shipment of metallic sodium in a non-DOT specification tank car tank, and provides no relief from any regulations other than as specifically stated.

2. BASIS. This exemption is based on Ethyl Corporation's application of April 25, 1989, submitted in accordance with 49 CFR 107.103, and the public proceeding thereon and supplemental letter dated January 9, March 19, 1990 and October 28, 1991.

3. HAZARDOUS MATERIALS (Descriptor and class). Metallic sodium classed as a flammable solid.

4. PROPER SHIPPING NAME (49 CFR 172.101). Metallic sodium.

5. REGULATION AFFECTED. 49 CFR 173.206.

6. MODES OF TRANSPORTATION AUTHORIZED. Rail freight.

7. SAFETY CONTROL MEASURES.

(a) The tank car tank conforms to all provisions of a DOT 105A300W, except that the tank has the safety valve removed and all openings closed with a blind flange (or capped and seal welded).

(b) A closed blind flanged valve for a 15 psig nitrogen blanket will be installed.

(c) The tank must be secured in a gondola car according to the Association of American Railroad's Open Top Loading Rules.

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. The tank car tank must be stenciled "DOT-E 10174" in four inch letters on a contrasting background above the DOT specification number.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package or packaging failure must be reported to the Office of Hazardous Materials Transportation (OHMT) as soon as practicable.

10. EXPIRATION DATE. December 31, 1992.

Issued at Washington, D.C.

JAN 6 1992

(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: FRA.