U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 10781 (EXTENSION)
THIRD REVISION - May 24, 1993

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations (HMR), DOT-E 10781 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to **January 15, 1997.** 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 exemptoin and must be attached to it.

J. Suzanne Hedgepeth

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

FEB 15 1996
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
Mobil Chemical Co. Princeton, NJ	June 14, 1994

MAY 24 1993

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

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

DOT-E 10781
(THIRD REVISION)

1. Mobil Chemical Company, Princeton, New Jersey, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer the packages prescribed herein of a pyrophoric solid material for transportation in commerce subject to limitations and special requirements specified herein. This exemption authorizes a shipment of certain pyrophoric solid material, UN 2846, with a nitrogen gas pad, in DOT specification cylinders specified in paragraph 7 below and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Mobil Chemical Company's application dated May 5, 1992 and supplemental information dated May 13, 1992 and September 9, 1992, submitted in accordance with 49 CFR 107.103, and the public proceeding thereon and 49 CFR 107.105 and information dated April 23, 1993.

3. HAZARDOUS MATERIALS (Descriptor and class). A pyrophoric solid with a nitrogen gas pad, Division 4.2, UN 2846. **NOTE:** Effective October 1, 1993, the appropriate numeric hazard class or division descriptions must be used in place of the written hazard class descriptions.

4. PROPER SHIPPING NAME (49 CFR 172.101). Pyrophoric solid, n.o.s. (metal alkyls under nitrogen).

5. REGULATION(S) AFFECTED. 49 CFR 173.187

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packagings prescribed are nine DOT Specification 4BW-225 cylinders of a water capacity not exceeding 1000 pounds, each containing an estimated quantity of not more than 142 kilograms of a pyrophoric solid, as described in the Material Safety Data Sheet with the May 5, 1992 application. The contents must be under a nitrogen pad at a pressure not exceeding 25 psig.

a. This exemption authorizes shipments of the cylinders described above from Mobil Chemical Company's plant in Beaumont, Texas, to Houston, Texas and to Los Angeles, California for export.

b. Each cylinder must have been retested or inspected in accordance with 49 CFR 173.34(e) as prescribed for cylinders.

c. The lading must be dry and may not contain water vapor or sulphur compounds.

8. SPECIAL PROVISIONS.

a. A copy of this exemption, DOT Emergency Response Guide ERG 37, and a copy of Mobil's material data bulletin must be carried aboard each motor vehicle used to transport the packages covered under this exemption.

b. Persons who receive packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

c. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accident.

d. Each cylinder must be marked with the exemption number, DOT-E 10781.

9. REPORTING REQUIREMENTS. Any incident involving loss of packaging contents or packaging failure must be reported to the Associate Administrator for Hazardous Materials Safety as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.)

10. EXPIRATION DATE. September 30, 1994.

Issued at Washington, D.C.

Joseph T. Horning

for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAY 24 1993

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Program.

Dist: USCG, FHWA.