U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

**DOT-E 10231 (EXTENSION)**
**FIRST REVISION May 9, 1990**

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10231 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to November 30, 1993. 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 exemption and must be attached to it.

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

JAN 15 1992
(DATE)

Dist: FHWA FRA USCG

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Degussa Corporation<br>Ridgefield Park, NJ | November 1, 1991 |

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

MAR 1 1990

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

DOT-E 10231

1. Degussa Corporation, Ridgefield Park, New Jersey, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of the hazardous material described in paragraph 3 below for transportation in commerce, subject to the limitations and special requirements specified herein. This exemption authorizes the shipment of sodium tetrasulfide in a non-DOT specification portable tank conforming in part with DOT Specification IM 101, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Degussa Corporation's application dated July 27, 1989, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon and supplemental information dated January 22, 1990.

3. HAZARDOUS MATERIALS (Descriptor and class). Sodium tetrasulfide, solid pellets, classed as a corrosive material.

4. PROPER SHIPPING NAME (49 CFR 172.101). Corrosive solid, n.o.s.

5. REGULATION AFFECTED. 49 CFR 173.32(c), 173.245(b), 178.270, 178.271.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, rail freight and cargo vessel.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a non-DOT specification stainless steel portable tank having a design pressure of 38.7 psig (2.67 bar), a test pressure of 58 psig (4 bar), an equivalent minimum shell thickness of 0.25 inch (6.35 mm) and in accordance with the requirements for DOT Specification IM 101 except as follows:

a. Section 173.32c(g)(1) - Each filling and discharge connection located below the normal liquid level of the tank must be equipped with two serially mounted closures consisting of an external manually operated valve and a bolted flange.

b. Section 178.270-14(a)(1) - Each metal identification plate must be marked "DOT-E 10231".

8. SPECIAL PROVISIONS.

a. A copy of this exemption must be carried aboard each motor vehicle and cargo vessel used to transport packages covered by this exemption.

b. Persons who receive packages covered by this exemption may reship them pursuant to the provisions of 49 CFR 173.22a.

c. Each package must be prepared and shipped in accordance with 49 CFR 173.24, as applicable for the lading.

d. Each portable tank must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background, "DOT-E 10231".

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

10. EXPIRATION DATE. January 31, 1992.

Issued at Washington, D.C.:

MAR 1 1990

(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: FHWA, USCG, FRA.