U.S. Department of Transportation
Research and Special Programs Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

APR 5 1988

DOT-E 9902

1. Stauffer Chemical Company, San Francisco, California, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed in paragraph 7 below for use in the transportation of a corrosive material described in paragraph 3 below in commerce subject to the requirements specified herein. This exemption authorizes the use of a DOT 3AA cylinder having a capacity greater than one (1) gallon for the transportation of sulfur trioxide, unstabilized, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Purusar Corporation's application dated December 16, 1987, submitted on behalf of Stauffer Chemical Company in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Sulfur trioxide, unstabilized, classed as a corrosive material.

4. PROPER SHIPPING NAME (49 CFR 172.101). Sulfur trioxide.

5. REGULATION AFFECTED. 49 CFR 173.273.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a DOT 3AA cylinder (49 CFR 178.37) with the following limitations:

a. Each cylinder must be closed by metal plugs or valves. If valves are used, they must be protected by securely attached metal caps of sufficient strength to protect the valves from injury during transit.

b. Each valve outlet must be capped or plugged.

c. Safety relief devices are not authorized.

d. Maximum capacity of cylinder is 13 gallons. Cylinders must not be filled with more than 7.3 gallons of sulfur trioxide.

e. Minimum service pressure is 2400 psig.

8. SPECIAL PROVISIONS.

a. Cylinders must be retested and inspected in accordance with 49 CFR 173.34.

b. Cylinders must be secured to the transport vehicle in accordance with 49 CFR 177.834, 177.840(a) and 177.840(a)(1).

c. Shippers may use the packaging covered by this exemption pursuant to 49 CFR 173.22a.

d. Each cylinder must be marked "Inhalation Hazard" and bear a poison label in accordance with the requirements contained in 49 CFR 172.301(a) and 49 CFR 172.402(a)(10).

e. A copy of this exemption must carried aboard each motor vehicle used to transport packages covered by this exemption.

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

10. EXPIRATION DATE. February 28, 1990.

Issued at Washington, D.C.

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(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