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

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

DOT-E 10093

APR 7 1989

1. Olin Chemicals, Stamford, Connecticut, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to use the packaging described in paragraph 7 below for transportation of sodium nitrate, subject to the conditions and limitations specified herein. This exemption authorizes the use of polypropylene bags lined with polyethylene for the transportation of sodium nitrate, classed as an oxidizer, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Olin Chemicals' application dated November 15, 1988, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Sodium nitrate, classed as oxidizer.

4. PROPER SHIPPING NAME (49 CFR 172.101). Sodium nitrate.

5. REGULATION AFFECTED. 49 CFR 173.182.

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

7. SAFETY CONTROL MEASURES. Packaging prescribed is a polypropylene bag made of 8.9 denier polypropylene fibers spun continuously to form a sheet weighing at least 109 g/m2 (3.215 ounce/yd^2). Maximum authorized weight is 100 pounds. Each bag must have an inner liner of polyethylene not less than 101 microns (0.004 inches) thick. Each bag filled to weight with product and closed for shipment must be capable of withstanding three 4-foot drops on face or back onto solid concrete without rupture.

8. SPECIAL PROVISIONS.

a. A copy of this exemption must be carried on board each cargo vessel used to transport packages covered by this exemption.

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

c. Each bag must be marked with letters and figures at least 1/2-inch high as follows:

1. DOT-E 10093
2. Name and physical location of the facility making the bag authorized under this exemption.

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

10. EXPIRATION DATE. March 31, 1991.

Issued at Washington, D.C.:

APR 7 1989

Alan I. Roberts
Director,
Office of Hazardous Materials Transportation

(DATE)

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: USCG, FHWA, FRA