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

FEB 29 1996

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

DOT-E 11520

EXPIRATION DATE: Upon arrival of each shipment at its designation but no later than March 31, 1996.

1. GRANTEE: Albemarle Corporation
Baton Rouge, Louisiana

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of the hazardous material described in paragraph 6. below in authorized packages, filled to less than 88 percent capacity. The authorization is for two one-time shipments as specified in paragraph 8.a. below. This exemption provides no relief from any regulation other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Part 173.249(b).

5. BASIS: This exemption is based on the application of the Albemarle Corporation dated July 7, 1995, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi-fication Number	Packing Group
Bromine	8	UN1744	I

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - The packagings prescribed are MC 312 nickel-clad bromine cargo tanks in full compliance with special provisions of 49 CFR 172.101 and with all requirements of 49 CFR 173.249 except that each tank is loaded to less than 88 percent capacity, as follows:

Shipment A., from Pittsburg, KS to Magnolia, AR - the 1788 gallon tank is loaded to about 42 percent capacity.

Shipment B., between facilities in Los Angeles, CA - the 600 gallon tank is loaded to about 39 percent capacity.

b. OPERATIONAL CONTROLS

1. A radio-equipped escort vehicle shall accompany each shipment. It shall preceed the cargo tank motor vehicle on two-lane roads and follow the cargo tank motor vehicle on four-lane highways.

2. Shipment A. is to originate at Allied Signal Co., Pittsburg, KS and terminate at Albemarle Corporation Magnolia, AR. Shipment B. is to originate at Lonza, Inc. and terminate at Amvac Chemical, both in Los Angeles, CA.

3. Each cargo tank motor vehicle must be equipped with a speed recording device and speed must not exceed 40 miles per hour.

4. The contract carrier for these shipments shall be Jack B. Kelly, Inc. Drivers of the cargo tank motor vehicle and the escort vehicle shall be trained in the precautions required for the use and handling of bromine.

8. SPECIAL PROVISIONS:

a. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

b. The appropriate regional offices of the Federal Highway Administration, Office of Motor Carriers must be notified of the date and time of each one-way shipment as follows:

Shipment A. - Region 6, Ft. Worth, TX and Region 7, Kansas City MO.

Shipment B. - Region 9, San Francisco, CA

c. MARKING - Each cargo tank must be plainly marked on each side in letters at least two inches high on a contrasting background, "DOT-E 11520".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.