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

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

DOT-E 9816 (EXTENSION)
FIRST REVISION September 30, 1988

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 9816 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to February 28, 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 exemption and must be attached to it.

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

FEB 28 1995
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
Amrex Chemical Co., Inc. Binghamton, NY	January 2, 1995

ADVISORY

IF YOU ARE A HOLDER OF AN EXEMPTION THAT AUTHORIZES THE USE OF A PACKAGING WITH A MAXIMUM CAPACITY LESS THAN 450 L (119 GALLONS) OR A MAXIMUM NET MASS LESS THAN 400 KG (882 POUNDS), PLEASE BE ADVISED THAT YOUR EXEMPTION MAY NOT BE RENEWED BEYOND SEPTEMBER 30, 1996. IN ADDITION, NO NEW CONSTRUCTION OF PACKAGINGS WHICH FALL WITHIN THE NON-BULK CAPACITIES LISTED ABOVE ARE AUTHORIZED AFTER SEPTEMBER 30, 1994. THIS IS CONSISTENT WITH THE IMPLEMENTATION OF THE NEW PACKAGING REQUIREMENTS ADOPTED UNDER DOCKET HM-181. ANY APPLICATION SUBMITTED TO THIS OFFICE TO RENEW AN EXEMPTION BEYOND THE SEPTEMBER 30, 1996 DATE WILL BE DENIED UNLESS THE APPLICATION CONTAINS SUPPORTING INFORMATION TO JUSTIFY THE CONTINUATION OF THE EXEMPTION.

U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
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DOT-E 9816 (EXTENSION)
FIRST REVISION September 30, 1988

In accordance with 49 CFR 107.113 of the Department of Transportation (DOT) Hazardous Materials Regulations (HMR), DOT-E **9816** is hereby **extended** for the party(ies) listed below by changing the expiration date in **paragraph 10** to **April 30, 1995.** All other terms of the exemption remain unchanged.

This emergency extension, which will prevent serious economic loss applies only to the party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.113. This emergency extension constitutes a necessary part of this exemption and must be attached to it. This emergency extension is not retroactive.

This emergency extension does not resolve proceedings which may be initiated by the Office of Chief Counsel, Research and Special Programs Administration concerning operations which occurred between **April 30, 1994,** and the issue date of this emergency extension, which were not in compliance with the HMR, and which were no longer authorized by any exemption.

J. Suzanne Hedgepeth
for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAY 11 1994
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
Amrex Chemical Company, Inc. Binghamton, New York	May 6, 1994

U.S. Department
of Transportation

Research and
Special Programs
Administration

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

DOT-E 9816
(FRIST REVISION)

SEP 30 1988

1. Amrex Chemical Company, Incorporated, Binghamton, New York, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of a corrosive material for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the shipment of Hypochlorite solutions, more than 7 percent available chlorine by weight, in non-DOT Specification cargo tanks and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Amrex Chemical Incorporated's application dated June 27, 1988, submitted in accordance with 49 CFR 107.105, and public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Hypochlorite solution containing more than 7 percent available chlorine by weight, classed as a corrosive material.

4. PROPER SHIPPING NAME (49 CFR 172.101). Hypochlorite solution.

5. REGULATION AFFECTED. 173.277(a)(9).

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packagings prescribed are two non-DOT specification cargo tanks, bearing Manufacturer's Serial Numbers P4281.10 and P4281.20 designed and constructed in accordance with Richmond Engineering Co. Inc. drawing H83-4281.10 dated January 11, 1983, technical specifications and calculation of file with OHMT, and in compliance with the following:

a. Code - Complies with the ASME Code including "U" stamp.
b. Water capacity (U.S. Gallons) - 800
c. Material -

Shell - SA - 516-70
Head - SA - 285-C

	inside dia.	X	length	X	thickness
d. Tank size (inches)	60		82		0.187

Head Thickness - 0.250
Joint Efficiency - 70%

e. Lining Material

0.250 inch Goodyear Chlorobutyl (LS-582) rubber

f. Design Pressure (PSIG) - 40

Note: Design pressure means "maximum allowable working pressure (MAWP)" as used in the ASME Code.

g. Test Pressure (PSIG) - 60

h. Design Temperature ($^{\circ}$F) - 250

i. Openings - one (1) 20 inch manhole opening, three (3)-1.5 inch inlet/outlet relief device nozzles all on top of the tank; two (2) 1.5 inch outlets on the bottom of the tank.

Note: Bottom outlets must comply with 49 CFR 178.343-5.

j. Pressure relief Device - One (1) two inch diameter rupture disc set at 40 pounds psig with a relief capacity of 2990 SCFM.

8. SPECIAL PROVISIONS.

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

b. Each cargo tank must be plainly marked on the left side near the front, in letters at least two inches high on a contrasting background, "DOT-E 9816".

c. No new construction is authorized.

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

10. EXPIRATION DATE. September 1, 1990.

Issued at Washington, D.C.:

SEP 30 1988

J. Suzanne Hedgepeth

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: FHWA.