U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

**DOT-E 10307 (EXTENSION)**
**SIXTH REVISION September 13, 1994**

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10307 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to June 30, 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

11 31 1995
(DATE)

Dist: FRA

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| FMC Corporation<br>Philadelphia, PA | June 16, 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.

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

DOT-E **10307** (PTE)
SEVENTH REVISION **August 31, 1995**

In accordance with 49 CFR 107.111 of the Department of Transportation (DOT) Hazardous Materials Regulations (HMR), the party(ies) listed below is granted the status of party to DOT-E **10307**. The expiration date of the exemption for the party(ies) is **January 31, 1996.**

This emergency party status, 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. All terms of the exemption remain unchanged. This authorization forms part of the exemption and must be attached to it. This emergency party status is not retroactive.

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

SEP 22 1995
(DATE)

Dist: FRA

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Akzo Nobel Chemicals, Inc.<br>Chicago, IL | September 21, 1995 |

U.S. Department
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**Research and
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400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 10307
(EIGHTH REVISION)

JUN 1 . 1996

EXPIRATION DATE: June 30, 1997

(FOR RENEWAL, SEE 49 CFR SECTION 107.105.)

1. GRANTEE: FMC Corporation, Philadelphia, Pennsylvania
(See Appendix A for parties to the exemption)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain DOT Class 111A tank cars, containing a hazardous material identified in paragraph 6, with a non-reclosing pressure relief device incorporating a rupture disc designed to fail at a point up to 33 percent of the calculated tank burst pressure. This exemption provides no relief from any regulations other than as specifically stated.

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR 179.201-1; 179.201-7; and 179.200-18(b)(2)(iii)

. BASIS. This exemption is based on FMC Corporation's application of June 16, 1995, submitted in accordance with 49 CFR 107.105.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

| Hazardous Materials Description | | | |
|---|---|---|---|
| Proper Shipping Name | Hazard Class or Division | ID Number | Packing Group |
| Hydrochloric acid, solution | 8 | UN1789 | II |
| Potassium hydroxide, solution | 8 | UN1814 | II |
| Sulfuric acid | 8 | UN1830 | II |
| Sulfuric acid, spent | 8 | UN1832 | II. |
| Sodium hydroxide, solution | 8 | UN1824 | II |
| Phosphoric acid | 8 | UN1805 | III |
| Fluorosilicic acid | 8 | UN1778 | II |

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7. PACKAGING(S) and SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed are DOT Class 111A tank cars authorized for the materials specified in paragraph 6, except that the tank cars are equipped with a non-reclosing pressure relief device incorporating a rupture disc with a rated burst pressure above that permitted by 179.201-7(b) and 179.200-18(c) but no greater than 33 percent of the calculated tank burst pressure.

8. SPECIAL PROVISIONS.

a. Persons who receive packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with, and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. The requirements of 49 CFR 172.203(a) and paragraph 2 of Appendix B to Subpart B of Part 107 are waived.

c. The service trial requirements of section 1.4.3.3. of the Association of American Railroad's Specification for Tank Cars apply to tank cars operating under the terms of this exemption.
Each tank car operating under the terms of this exemption must b.

d. MARKING -

i. Each tank car operating under the terms of this exemption must be marked "DOT-E 10307" in four inch letters and numerals on a contrasting background above the DOT Specification number.

ii. be stenciled with the rupture disc setting in accordance with Appendix C of the Association of American Railroad's Specification for Tank Cars.

9. MODES OF TRANSPORTATION AUTHORIZED. Rail freight.

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10. MODAL REQUIREMENTS:

a. The Federal Railroad Administration is to be notified if any unusual incident occurs during the movement by contacting the:

Federal Railroad Administration
Office of Safety Assurance and Compliance
RRS-12, Room 8326
400 Seventh Street, S.W.
Washington, D.C. 20590
(202) 366-9178 or 366-0549

11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

- Registration required by 49 CFR 107.601 et seq., when applicable.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect unless a regulation has been amended making the exemption no longer necessary.

12. REPORTING REQUIREMENTS. The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:

JUN 11 1996

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

(DATE)

JUN 1 1996

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590 Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Dist: FRA

APPENDIX A

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with 49 CFR 107.111 and the public proceeding thereon or 107.105, as appropriate:

| Company Name City/State | Application Date | PTE | Expiration Date | Issue Date |
|---|---|---|---|---|
| Alcoa Specialty Chemicals, Inc., Westlake, LA | 7/17/95 | 1 | 6/30/97 | 8/31/95 |
| Vulcan Chemicals Birmingham, AL | 7/20/95 | 2 | 6/30/97 | 8/31/95 |
| ICI Americas, Inc. Wilmington, DE | 7/20/95 | 3 | 6/30/97 | 8/31/95 |
| Olin Corporation Stamford, CT | 7/31/95 | 4 | 6/30/97 | 8/31/95 |
| Vista Chemical Co. Houston, TX | 8/15/95 | 5 | 6/30/97 | 8/31/95 |
| Potash Corporation of Saskatchewan, (Phosphate (PCS, Phosphate)) (Formerly: Texasgulf, Inc.) Aurora, NC | 7/13/95 and 7/25/95 | 6 | 6/30/97 | 12/6/95 |
| Clearon Corporation South Charleston, WV | 8/30/95 | 7 | 6/30/97 | 12/6/95 |
| SCM Chemicals, Inc. Baltimore, MD | 9/14/95 | 8 | 6/30/97 | 12/6/95 |
| AKZO Nobel Chemicals, Inc. Chicago, IL | 9/22/95 | 9 | 6/30/97 | 12/6/95 |
| Lucier Chemical Industries (LCI) Jacksonville, FL | 12/5/95 | 10 | 6/30/97 | 2/7/96 |

| Company Name City/State | Application Date | PTE | Expiration Date | Issue Date |
|---|---|---|---|---|
| Elf Atochem North America Philadelphia, PA | 10/24/95 & 5/21/96 | 11 | 6/30/97 | 4/23/96 |
| Georgia Gulf Corp. Plaquimine, LA | 2/13/95 | 12 | 6/30/97 | 6/11/96 |
| Elf Atochem North America Portland, Oregon | 5/21/96 | 13 | 6/30/97 | 7/2/96 |
| Elf Atochem North America Granger, WY | 5/30/96 | 14 | 6/30/97 | 8/19/96 |
| | | | | |

Marilyn J. Morris
for Alan I. Roberts
Associate Administrator for
Hazardous Materials Safety