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

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

DOT-E 10513 (EXTENSION)
FIRST REVISION June 15, 1993

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10513 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to July 31, 1996. 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.

AUG 29 1994
(DATE)

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

Dist: FHWA

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Great Lakes Chemical Corporation<br>El Dorado, AR | July 12, 1994 |

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.
Washington, D.C. 20590

**DOT-E 10513 (EXTENSION)**
**ORIGINAL September 6, 1991**

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10513 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to September 30, 1994. 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.

JUN - 2 1993

(DATE)

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

Dist: FHWA

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Great Lakes Chemical Corporation<br>El Dorado, AR | March 26, 1993 |

JUN 15 1993

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

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

DOT-E 10513
(FIRST REVISION)

1. Great Lakes Chemical Corporation, West Lafayette, IN, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of a solid oxidizer described in paragraph 3 below for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the use of Flexible Intermediate Bulk Containers (FIBCs), having a capacity of either 500 or 1,000 pounds, overpacked in pallet mounted, fiberboard containers, and provides no relief from any regulation other than as specifically stated. **Note:** Reference to 49 CFR sections in this exemption are to regulations in effect on September 30, 1991.

2. BASIS. This exemption is based on Great Lakes Chemical Corporation's application dated October 8, 1992, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon and March 26, 1993 submitted in accordance with 49 CFR 107.105.

3. HAZARDOUS MATERIALS (Descriptor and class). 1-bromo-3-chloro-5,5-dimethylhydantoin, classed as an oxidizer. **NOTE:** Effective October 1, 1993, the appropriate numeric hazard class or division descriptions must be used in place of the written hazard class descriptions.

4. PROPER SHIPPING NAME (49 CFR 172.101). Oxidizer, n.o.s.

5. REGULATION AFFECTED. 49 CFR 173.154.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a non-DOT specification collapsible, nonreusable, flexible bulk bag manufactured in accordance with DOT-E 9316 or DOT-E 10570, overpacked within either a fiberboard box, fiberboard tube or fiberboard drum. The bag is fabricated of woven polypropylene, incorporating lifting straps of woven polyester webbing, plus a .0035 inch minimum thickness polyethylene film liner and has a maximum capacity of 500 or 1000 pounds. The 500 pound capacity bag, containing granular or tablet form of the oxidant, is overpacked within a pallet mounted, double thickness-double wall corrugated fiberboard box manufactured, sealed, and prepared for shipment, and further described within the application. The 1000 pound capacity bag, containing the powdered form of the oxidant, is overpacked within a pallet mounted; double cover fiberboard drum; double thickness-double wall corrugated fiberboard box; or

triple wall corrugated fiberboard octagonal tube all manufactured, sealed, prepared for shipment as described within the application. The entire packagings, prepared as for shipment must further be capable of passing the vibration, incline impact, tilt drop, flat drop, diagonal side drop, static and dynamic tests specified in the application.

8. SPECIAL PROVISIONS.

a. Offerors for transportation of the hazardous materials specified in this exemption may use the packaging described in this exemption for the transportation of such hazardous materials so long as no modifications or changes are made to the packages, all terms of this exemption are complied with, and a copy of the current exemption is maintained at each facility from which such offering occurs.

b. For shipments of less than truckload quantities, hazardous materials shall be segregated and separated in accordance with 49 CFR 177.848.

c. Shipment by highway must be in closed vehicles or freight containers.

d. The marking requirements of 49 CFR 172.331 must be complied with.

e. The fiberboard box, tube or drum described in paragraph 7 above must be marked "DOT-E 10513" and "Inside Containers Comply With The Criteria of DOT-E 9213 or DOT-E 10570" in letters at least two inches high on a contrasting background in addition to the markings required by 49 CFR 173.25.

9. REPORTING REQUIREMENTS. Any incident involving loss of packaging contents or packaging failure must be reported 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.

10. EXPIRATION DATE. September 30, 1994.

Issued at Washington, D.C.:

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

JUN 15 1993
(DATE)

JUN 15 1993



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: Exemptions Branch.

Dist: FHWA.