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

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

DOT-E 10242 (EXTENSION)
ORIGINAL November 21, 1989

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10242 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to September 30, 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.

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

OCT 31 1994
(DATE)

Dist: FHWA FRA

EXEMPTION HOLDER	APPLICATION DATE
ENPAC Corporation Chardon, OH	July 13, 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.

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NOV 21

DOT-E 10242

1. ENPAC Corporation, Jacksonville, Florida, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to manufacture, mark, and sell the packaging described herein for use in the transportation of certain hazardous materials described in paragraph 3 below in commerce subject to the requirements specified herein. This exemption authorizes the manufacture, marking, and sale of a polyethylene, removable head drum not to exceed 20 gallon capacity for transporting certain solid hazardous materials, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on ENPAC Corporation's applications dated December 8, 1988, and July 12, 1989, and supplementary test reports dated March 6, 1989, and October 6, 1989, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class).

a. Trichloro-a-triazinetrione; Potassium dichloro-s-triazinetrione; Sodium dichloro-s-triazinetrione; Mono-(trichloro) tetra-(monopotassium dichloro)-penta-s-triazinetrione, (dry, each containing more than 39% available chlorine), classed as oxidizers.

b. Potassium hydroxide, dry solid, flake, bead or granular; Sodium hydroxide, dry solid, flake, bead or granular, classed as corrosive materials; Hexamethylenediamine, solid or any other corrosive material (solid) specifically identified to, and acknowledged in writing by, the Office of Hazardous Materials Transportation (OHMT) prior to the first shipment.

c. Those corrosive, flammable, poison B and oxidizer solids currently authorized to be shipped in a DOT Specification 21C fiber drum which are compatible with polyethylene.

4. PROPER SHIPPING NAME (49 CFR 172.101). Specific chemical name or generic commodity description, as appropriate.

5. REGULATION AFFECTED. 49 CFR Part 173 Subparts D, E, F, and H.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle and rail freight.

7. SAFETY CONTROL MEASURES.

a. Packaging prescribed is a non-DOT specification, polyethylene, removable head drum not to exceed 20 gallon capacity, blowmolded or injection molded of high density polyethylene or rotationally molded or thermoformed from a low density polyethylene resin. Minimum wall thickness may not be less than 0.100-inch. Closure is a fully threaded opening with a matched threaded lid sealing onto a closed cell polyethylene foam gasket.

b. Drum must be as shown in ENPAC Corporation drawing PLP-002, dated 7/23/87, included as Appendix A of the application dated December 8, 1988.

c. Drum must be tested in accordance with 49 CFR 178.224-2 and the vibration test of 49 CFR 178.16-13(a)(2). Additionally, drum must successfully withstand a four foot drop onto solid concrete on the top head, when container and contents are at or slightly below 0°F.

d. Reuse of the drums must be in accordance with the applicable requirements of 49 CFR 173.28.

8. SPECIAL PROVISIONS.

a. Shippers may use the packaging covered by this exemption pursuant to 49 CFR 173.22a.

b. The weight limitations and inside packaging requirements contained in 49 CFR Part 173, Subparts D, E, F and H for DOT Specification 21C fiber drums apply when packagings authorized under this exemption are used in place of a DOT 21C drum.

c. Moisture barrier protection required for certain materials is waived when the drums are used in place of a DOT 21C drum.

d. A copy of this exemption, in its current status, must be maintained at each manufacturing facility at which this packaging is manufactured and must be made available to a DOT representative upon request.

e. Each drum and each cover or lid manufactured in accordance with the requirements of this exemption must be plainly and durably marked in a manner which identifies the physical location (city and state) of the facility at which it is manufactured.

f. In addition to the markings specified above, each drum must be marked in accordance with 49 CFR 178.224-4, except that "DOT-E 10242" must be substituted for "DOT-21C." Additionally, the cover or lid must be permanently marked "DOT-E 10242."

9. REPORTING REQUIREMENTS. Any incident involving loss of packaging contents or packaging failure must be reported to the OHMT as soon as practicable.

10. EXPIRATION DATE. August 31, 1991.
Issued at Washington, D.C.

NOV 21 1989
(DATE)

Alan I. Roberts
Director
Office of Hazardous Materials Transportation

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, FRA.