In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 8871 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to June 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.

Dist: FHWA FRA USCG

EXEMPTION HOLDER

Chase Packaging, Inc.
Newport News, VA

APPLICATION DATE

June 6, 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 IM-101. 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.
1. **Union Camp Corporation, Wayne, New Jersey (formerly Chase Packaging Corporation)** is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to manufacture, mark, and sell the packaging described in paragraph 7 below for use in the transportation in commerce of the corrosive solids, poison B solids, flammable solids, blasting agent solids, and oxidizers solids described in paragraph 3 below subject to the requirements specified herein. This exemption authorizes the manufacture, marking and sale of large, nonreusable, collapsible polyethylene-lined woven polypropylene bulk bags having a capacity of not over 2200 pounds each, and top and bottom outlets, for shipment of poison B solids, corrosive solids, flammable solids, oxidizers solids and blasting agent solids, and provides no relief from any regulation other than as specifically stated.

2. **Basis.** This exemption is based on Union Camp Corporation’s application dated August 13, 1991, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon.

3. **Hazardous Materials (Descriptor and class).** Those materials classed as Oxidizers, Corrosive materials, Poison B, Blasting agents and Flammable solids listed in Appendix A of this exemption and other Oxidizers, Corrosive solids, Flammable solids, Poison B solids and Blasting agents which are compatible with polyethylene and are specifically identified and acknowledged in writing by the Office of Hazardous Materials Exemptions and Approvals (OHMMA) prior to the first shipment.

For shipments by vessel, hazardous materials that are authorized by Appendix 2 to Section 26 of the General Introduction to the International Maritime Dangerous Goods (TMDG) Code to be transported in flexible intermediate bulk containers (FIBCs) may be transported in the bulk bags under this exemption. Such materials, which are part of an import or export shipment may also be transported in bulk bags under this exemption by motor vehicle and rail freight, provided a portion of the shipment is by vessel.

4. **Proper Shipping Name (49 CFR 172.101).** The specific chemical name or generic commodity description, as appropriate.

6. **MODES OF TRANSPORTATION AUTHORIZED.** Motor vehicle, rail freight, and cargo vessel. Shipments by vessel must be made in conformance with Section 26 of the General Introduction to the IMDG Code.

7. **SAFETY CONTROL MEASURES.** Packaging prescribed is a non-DOT specification collapsible, nonreusable flexible bulk bag. The bag must be fabricated of woven polypropylene, incorporating lifting straps of woven polyester webbing, plus a lining of polyethylene film of (0.0035-inch minimum thickness) equipped with a discharge and inlet openings closed by means of nylon tie ribbon. Each bag may not have a capacity of over 2200 pounds. The bag, prepared as for shipment, must be capable of satisfactorily withstanding: Free-fall drop tests (four from a height of four feet); Vibration test; Sling test; Drag test; and Puncture Resistance test, as described Packaging Research Laboratory Report dated January 5, 1982. Bulk bags that will be transported by vessel must pass the tests specified in subsection 26.3.5 of the General Introduction to the IMDG Code.

8. **SPECIAL PROVISIONS.**

a. **Offerors for transportation of 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. **Shippers using the packaging covered by this exemption must comply with the shipping paper, marking, labeling, and placarding requirements of 49 CFR Part 172; all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 100-180.**

c. **Shipment by highway must be in closed vehicles or freight containers, in full truckloads only, except that ammonium nitrate fertilizer need not be in closed vehicles.**

d. **Shipment by rail must be in box cars except that COFC or TOFC service is authorized in accordance with 49 CFR 174.61.**
e. When bulk bags are transported by vessel, the following additional special provisions apply:

i. Materials in Classes 4.2 (Flammable solids) (Dangerous when wet) and 5.1 (Oxidizers) that are permitted by the IMDG Code to be transported without secondary protection may be carried as break-bulk cargo, provided –

(1) The hold or compartment is dry and thoroughly cleaned of all residue of previous cargo, and all loose debris and dunnage are removed.

(2) The hatches are inspected for watertightness before loading.

(3) The hold is free of sharp projections that could tear or puncture the bags.

(4) After the bags are unloaded, the hold or compartment is inspected for spillage and any residue removed.

ii. When any Class 5.1 materials (Oxidizer) that is carried as break-bulk cargo is loaded or unloaded –

(1) Firehoses must be laid out in the loading or unloading area and must be operable at all times.

(2) Smoking, carrying matches or lighting devices, or performing hot work is prohibited in the loading or unloading area; and the area must be posted with appropriate warning signs.

iii. The provisions of 49 CFR 176.410(d), except subparagraphs (d)(1) and (d)(2), do not apply to shipment of ammonium nitrate fertilizer (UN 2067) by vessel under this exemption.

f. Each bag must be permanently and durably marked, in accordance with the requirements of Section 172.331 in letters at least two inches high on a contrasting background. In addition, for shipments by vessel, the marking requirements of subsection 26.1.5 of the General Introduction to the IMDG Code are required. The use of labels, tags or signs for marking purposes is prohibited.

g. A copy of this exemption must be carried aboard each vessel used to transport packages covered by this exemption.
h. 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.

i. Each packaging manufactured under the authority of this exemption must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated for a specific manufacturing facility.

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.)


Issued at Washington, D.C.

[Signature]
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

(Address)

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 Program.

Dist: FHWA, FRA, USCG.
## APPENDIX A

### Hazardous Material

<table>
<thead>
<tr>
<th>Material</th>
<th>UN Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum bromide, anhydrous</td>
<td>UN 1725</td>
</tr>
<tr>
<td>Aluminum nitrate</td>
<td>UN 1438</td>
</tr>
<tr>
<td>Ammonium hydrogen fluoride, solid</td>
<td>UN 1727</td>
</tr>
<tr>
<td>Ammonium nitrate</td>
<td>UN 1942</td>
</tr>
<tr>
<td>Ammonium nitrate-carbonate mixture</td>
<td>UN 2068</td>
</tr>
<tr>
<td>Ammonium nitrate fertilizer</td>
<td>UN 2067</td>
</tr>
<tr>
<td>Ammonium nitrate fuel oil mixture *</td>
<td>NA 0331</td>
</tr>
<tr>
<td>Ammonium persulfate</td>
<td>UN 1444</td>
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<tr>
<td>Antimony compound, inorganic, n.o.s.</td>
<td>UN 1549</td>
</tr>
<tr>
<td>Antimony tribromide</td>
<td>UN 1549</td>
</tr>
<tr>
<td>Arsenic trioxide</td>
<td>UN 1561</td>
</tr>
<tr>
<td>Arsenical compound, solid, n.o.s.</td>
<td>UN 1557</td>
</tr>
<tr>
<td>Bromoacetic acid</td>
<td>UN 1938</td>
</tr>
<tr>
<td>Calcium carbide *</td>
<td>UN 1402</td>
</tr>
<tr>
<td>Calcium cyanide, solid *</td>
<td>UN 1575</td>
</tr>
<tr>
<td>Calcium Hypochlorite, hydrated</td>
<td>UN 2880</td>
</tr>
<tr>
<td>Calcium silicide ** ** **</td>
<td>UN 1405</td>
</tr>
</tbody>
</table>
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APPENDIX A

Carbamate pesticide, solid
N.O.S. (contains 15% or less
aldicarb by weight) UN 2757

Chloroacetic acid, solid UN 1751

Chromic acid, solid * UN 1463

Cyanuric chloride UN 2670

Dichloroisocyanuric acid salts
(Sodium dichloro-s-triazinetrione) UN 2465

Ferric chloride, solid, anhydrous UN 1773

Lithium hypochlorite mixture, dry *
(containing not more than 42%
available chlorine) UN 1417

Magnesium granules, coated UN 2950

Oxidizer, n.o.s.
(1-Bromo-3-chloro-5,5-demethylhydantion) UN 1479

Para-nitro-toluene sulfonic UN 2811

Poisonous solid, N.O.S. or
Poison B, solid, N.O.S.
(Amyl Phenol) UN 2811
(Butyl Phenol)
(Octyl Phenol)

Potassium cyanide * UN 1680

Potassium dichloro-s-
triazinetrione UN 1479

Potassium hydroxide, flake UN 1813

Potassium hydroxide, solid UN 1813

Potassium nitrate UN 1486

Potassium persulfate UN 1492

Sodium azide UN 1687

Sodium bifluoride UN 2439
APPENDIX A

Sodium chlorate
UN 1495
Sodium cyanide *
UN 1689
Sodium hydrosulfite *
UN 1384
Sodium hydroxide, solid
UN 1823
Sodium nitrate
UN 1498
Sodium nitrite
UN 1500
Sodium perborate monohydrate
UN 1479
Sodium persulfate
UN 1505
Sodium sulfide, anhydrous *
UN 1385
TEMIK (Aldicarb pesticide)
UN 2588
Thallium compounds, n.o.s.
UN 1707
Trichloroisocyanuric acid, dry
UN 2468
Trichloro-s-triazinetrione, dry **
UN 2468
Waste arsenical mixture, n.o.s. ***
UN 1557
Zinc dust
UN 1436

* Transport by vessel not authorized.

** This shipping description may be used only when all or part of the transport is by vessel. For transport by motor vehicle or rail freight, use "trichloroisocyanuric acid, dry."

*** For mixtures of arsenic compounds, the name(s) of the hazardous components of the mixture must appear in the parenthesis.

**** Packaging for calcium silicide must be hermetically sealed.