1. Quality Manufacturing of Eunice, Inc., Eunice, LA, 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, and oxidizers (solids only) described in paragraph 3 below subject to the requirements specified herein. This exemption authorizes the manufacture, marking and sale of nonreusable large, collapsible polyethylene-lined woven polypropylene bulk bags having a capacity of not over 2,205 pounds each, and top and bottom outlets, for shipment of poison B solids, corrosive solids, flammable solids, and oxidizers (solids only), 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, 1990.


3. HAZARDOUS MATERIALS (Descriptor and class). Those materials classed as Oxidizers, Corrosive materials, Poison B and Flammable solids listed in Appendix A of this exemption and other Oxidizers, Corrosive solids, Flammable solids and Poison B solids which are compatible with polyethylene and are specifically identified and acknowledged in writing by the Office of Hazardous Materials Exemptions and Approvals (OHMEA) prior to the first shipment. 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). The specific chemical name or generic commodity description, as appropriate.


6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, rail freight and cargo vessel.

Expired Not Active
7. **SAFETY CONTROL MEASURES.** Packaging prescribed is a non-DOT specification collapsible nonreusable flexible bulk bag of not over 2,205 pounds capacity. The bag must be fabricated of woven polypropylene, incorporating lifting straps of woven polyester webbing, plus a lining of polyethylene film (3 mil thickness). Filled bag must be closed securely. Each bag must have side panels constructed of at least 6.5 ounce fabric. Bag, prepared as for shipment, must be capable of satisfactorily withstanding: Free-fall drop tests (three from a height of four feet); Jerk test; Topple test; Topple and Drag test; Righting test, as described in "Procedures for Performance Testing of Flexible Intermediate Bulk Containers," Packaging Institute, U.S.A., procedure T-4102-85, dated February, 1985.

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. 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.
Continuation of 1st Rev. DOT-E 10537

(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.

(5) No other hazardous material or non-regulated combustible material is stowed in the same hold or compartment.

ii. When any Class 5.1 material (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 cargo 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, 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.

h. 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.
i. A copy of this exemption must be carried aboard each cargo vessel and motor vehicle used to transport packages covered by this exemption.

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 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, USGC.
### APPENDIX A

<table>
<thead>
<tr>
<th>Hazardous Material</th>
<th>UN Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum bromide, anhydrous</td>
<td>UN 1725</td>
</tr>
<tr>
<td>Aluminum chloride, anhydrous</td>
<td>UN 1726</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>
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<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>
</tr>
<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>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>
</tbody>
</table>
APPENDIX A

Calcium Hypochlorite, hydrated
Calcium silicide * and ** ** **
Carbamate pesticide, solid
N.O.S. (contains 15% or less aldicarb by weight
Chloroacetic acid, solid
Chromic acid, solid *
Cyanuric chloride
Dichloroisocyanuric acid salts
(Sodium dichloro-s-triazinetrons)
Potassium Dichloro-s-triazinetrione
Environmentally hazardous substance solid, n.o.s.
Ferric chloride, solid, anhydrous
Hazardous waste solid, n.o.s.
Lithium hypochlorite mixture, dry *
(containing not more than 42 % available chlorine)
Magnesium granules, coated
Nickel sulfate (crude)
Organophosphorus Pesticide, solid, toxic,
(Ponofos) (Dyfonate II 10-G); (Dyfonate II 15-G) or
(Dyfonate II 20-G)
Oxidizer, n.o.s.
(1-Bromo-3-chloro-5, 5-demethylhydantion)
Para-nitro-toluene sulfonic
Pentachlorophenol
APPENDIX

Pesticide, solid, toxic, n.o.s. (Tefuthrin)
{Force (GFU524)}

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

Potassium cyanide *

Potassium hydroxide, flake

Potassium hydroxide, solid

Potassium nitrate

Potassium persulfate

Sodium azide

Sodium antimonate

Sodium bifluoride

Sodium chlorate

Sodium cyanide *

Sodium hydrosulfite *

Sodium hydroxide, solid

Sodium nitrate

Sodium nitrite

Sodium perborate monohydrate

Sodium persulfate
APPENDIX

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.