

## CHEM-TRAN<sup>®</sup> Posion Exemption Shipping Systems

### CHEM-TRAN<sup>®</sup> Economy-Pax Tall Can for Liquids or Solids

#### DOT-SP 10977.

No Hazardous Label Required for shipments within the U.S.A. It permits the shipment of hazardous materials in a large variety and sizes of glass, plastic or metal inner containers from 1 liter/32 oz. or less. It also permits RSC inner box to contain the required metal can for inner packs of liquids.

The exemption allows the shipment of up to four inner boxes packed in one outer box for lower shipping costs

No can is needed for most types of solids. .

#### DOT-SP 10977 NO LABEL REQUIRED

Exemption DOT-SP 10977 is authorized for the manufacture of certified performance oriented packaging for the shipment of hazardous materials, in most cases, without applying hazard labels or placards. Our exemption includes materials that are "Toxic by Inhalation" or "Pyrophoric". It limits the shipment of liquids per inner packaging to 1-1 liter (32 oz.) and 2.72 kg (6.25 lbs.) for solids.

#### ISTA CERTIFIED FOR PROCEDURE 1A COMPONENT PARTS REQUIRED FOR ALL CHEM-TRAN EXEMPTION PAX

CHEM-TRAN<sup>®</sup> 4GV-X Certified DOT-SP 10977 (Eighth Revision) Exemption Pax include the following components for the safe shipment of hazardous materials within the United States via land, air or water.

**Each packaging unit includes - 1.)** Copy of DOT-SP 10977 (Eight Revision) and packaging instructions. **2.)** Inner container of plastic, metal or glass not over 1 liter/32 oz. for liquids or 2.72 kg/6.0 lbs. for solids. Inner containers sold separately in capacities of 125 cc/4 oz. to 1 liter/32 oz. Your inner container can be used if it is certified to pass the hydrostatic requirement for air shipment. **3.)** Plastic pressure sensitive closure retaining tape. **4.)** Absorbent/cushioning blanket(s). **5.)** Metal can and cover with cover retaining ring. P/E bag and bag tie to contain metal can only if inner pack contains Division 4.2, 4.3, or TIH materials. Note: Metal can not required for most for most solids. See 7.a.10 of exemption. **6.)** Inner box, P/E bag, bag tie and 3-inch pressure sensitive box sealing tape. **7.)** Outer box and 3-inch wide pressure sensitive box sealing tape.

#### Single Liquid Kits

| Stock No. | Maximum Capacity | Metal Can Dimensions (Inches) | Maximum Inner Pack Size |
|-----------|------------------|-------------------------------|-------------------------|
| SP-0006   | 32 oz./1 liter   | 6 5/8" x 10 3/4"              | Over 6" high            |
| SP-0008   | 16 oz./500cc     | 4 1/4" x 8 3/4"               | Under 3" O.D.           |
| SP-0010   | 32 oz./1 liter   | 6 5/8" x 7 1/4"               | Under 6" high           |

#### Single Solid Kits

| Stock No. | Maximum Capacity | Metal Can Dimensions (Inches) | Maximum Inner Pack Size |
|-----------|------------------|-------------------------------|-------------------------|
| SP-0005   | 6 lbs./2.72 kg   | Not Required                  | 6 x 6 x 10              |
| SP-0007   | 2 lbs./907 kg    | Not Required                  | 4 x 4 x 8               |
| SP-0009   | 6 lbs./2.72 kg   | Not Required                  | 6 x 6 x 6               |

## CHEM-TRAN® Multiple Unit Poison Pax for Liquids or Solids

(Does not require the single pack outer box)

| Liquid 2-Pax | Liquid 4-Pax | Solid 2-Pax | Solid 4-Pax |
|--------------|--------------|-------------|-------------|
| SP-0006/2    | SP-0006/4    | SP-0005/2   | SP-0005/4   |
| SP-0008/2    | SP-0008/4    | SP-0007/2   | SP-0007/4   |
| SP-0010/2    | SP-0010/4    | SP-0009/2   | SP-0009/4   |

### EXEMPTION DOT-SP 10977 (EIGHTH REVISION) AUTHORIZES THE SHIPMENT OF THE FOLLOWING HAZARDOUS MATERIALS (49 CFR 172.101):

| HAZARDOUS MATERIAL DESCRIPTION | HAZARD CLASS/DIV. | ID NO.         | PACKING GROUP |
|--------------------------------|-------------------|----------------|---------------|
| Flammable liquids              | 3                 | As Appropriate | I, II or III  |
| Flammable solids               | 4.1               | As Appropriate | II or III     |
| Pyrophoric materials           | 4.2               | As Appropriate | I             |
| Self heating materials         | 4.2               | As Appropriate | II or III     |
| Dangerous When wet materials   | 4.3               | As Appropriate | I, II or III  |
| Oxidizers                      | 5.1               | As Appropriate | I, II or III  |
| Organic peroxides              | 5.2               | As Appropriate | II            |
| Toxic materials                | 6.1               | As Appropriate | I, II or III  |
| Corrosive materials            | 8                 | As Appropriate | I, II or III  |
| Misc. hazardous                | 9                 | As Appropriate | II or III     |

#### Explanation of footnotes 1,2,3,4

1 Only hazardous materials permitted to be transported aboard a passenger-carrying aircraft by column (9A) of the Hazardous Materials Table in 172-101 are authorized for transport aboard passenger-carrying aircraft; only hazardous materials permitted to be transported aboard a cargo aircraft by column (9B) of the Hazardous Materials Table in 172-101 are authorized for transport aboard cargo-only aircraft.

2 Excludes Type A, B and C materials.

3 Excludes materials which require temperature control.

4 As restricted by paragraphs 7.c and 7.d of DOT-SP 10977 (8th Revision)

#### 7.c. ADDITIONAL SAFETY CONTROL MEASURES FOR A MATERIAL TOXIC BY INHALATION -

The following provisions are applicable to materials meeting the definition of "material toxic by inhalation" in 171.8 that are packaged in accordance with the requirements of this exemption:

(1) Each outside package must be marked "INHALATION HAZARD" in letters at least 12.0 mm (one-half inch) high on a contrasting background in close proximity to the marking specified in paragraph 8.f.

(2) Shipping papers must contain a notation "TOXIC INHALATION HAZARD" in addition to the shipping paper requirements of Subpart C of Part 172.

#### 7.d. MATERIALS WHICH MAY NOT BE TRANSPORTED BY PASSENGER-CARRYING AIRCRAFT -

(1) Materials which meet the definition of "material toxic by inhalation" in 171.8 (any zone)

(2) Materials which meet the definition of oxidizer, at Packaging Group I level in accordance with 173.127 (b)(1)(i)..