

INCH-POUND

A-A-54875  
21 May 1993

## COMMERCIAL ITEM DESCRIPTION

## SPRAY BOTTLE, PLASTIC

The General Services Administration has authorized the use of this Commercial Item Description as a replacement for Military Specification MIL-S-36468A which is cancelled.

This Commercial Item Description covers a plastic spray bottle suitable for use in dispensing spray products by the squeeze action of the bottle.

Salient characteristics:

General. The bottle shall consist of a container, a nasal spray plug with spray tubing and a screw cap closure. Bottles may be furnished assembled or unassembled.

Material. The container, and the nasal spray plug, tubing, and closure shall be fabricated from suitable plastic.

Style, design and dimensions. The container shall be oval shaped. Container shall have a nominal capacity of 1-1/4 ounces and have a minimum capacity of 34.0 ml. The container walls shall be of such thickness as to facilitate the squeezing action. The container shall have a threaded finish to mate with the threading of a plastic screw cap closure. The threading shall be of the continuous type with at least one complete turn of the full threaded projection. The container bottom shall be so constructed that the container will be stable when placed on a smooth flat surface. The container shall be in accordance with Figure 1.

The innermost point of the plug shall be designed to provide means for securing the spray tubing. The assembled container and spray assembly shall provide a spray effect (not a jet) of the contained liquid upon squeezing the sides of the container.

AMSC N/A

FSC 6530

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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The closure shall be shaped to adequately enclose the nasal plug tip. The closure shall be sufficiently threaded on the inside, with a continuous type thread, for a close fit with the finish of the bottle. The thread shall be formed as an integral part of the closure. The closure shall have vertical ribs or ridges on the outside to facilitate gripping. The closure shall provide a primary seal at the orifice and a secondary seal at the base edges of the nasal plug tip. Presence of moisture or liquid around the orifice on the inside crown of the closure shall not be considered as leakage.

Workmanship. Workmanship shall be first class throughout. Bottles shall be free from defects which detract from their appearance or impair their serviceability. All components shall be furnished in the unit package and shall be clean and dry.

Unit. Each (EA). One spray bottle, as specified, constitutes one unit.

#### QUALITY ASSURANCE PROVISIONS.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

Records. Records of examinations and tests performed by or for the contractor shall be maintained by the contractor and made available to the Government upon request, at any time, or from time to time, during the performance of the contract and for a period of three years after delivery of the supplies to which such records relate.

Inspection. Inspection, as used herein, is defined as both examination (such as visual or auditory investigation without the use of special laboratory appliances or procedures) and testing (determination by technical means of physical and chemical properties) of the item.

Sampling for examination. Sampling for examination shall be conducted in accordance with MIL-STD-105, with an AQL of 1.0 (percent defective) and an inspection level of II. The unit of product for examination purposes shall be one bottle.

Tests. Tests shall be conducted to determine compliance with specification requirements. Where feasible, the same sample shall be used for the determination of two or more test characteristics.

Sampling for tests. Sampling for tests (dimensional), shall be conducted in accordance with MIL-STD-105, with an AQL of 1.0 (percent defective) and an inspection level of II. The unit of product for test purposes shall be one bottle.

Leakage.

Formula of test liquid. Leakage liquid used for test shall be formulated in percent by weight as follows:

1. 10.0 percent Aerosol O.T.
2. 0.1 percent suitable coloring material
3. 89.9 percent of water.

Test. Sample bottle shall be filled with 15 ml. of test liquid and assembled with nasal spray tip, spray tubing and closure, firmly applied. Bottle shall be inverted and placed in an oven at a temperature of  $120^{\circ} \pm 3^{\circ}$  Fahrenheit ( $F^{\circ}$ ) for 24 hours. At end of this period, examine exterior of bottle around the closure and finish of bottle for leakage as evidence by coloring material. Any leakage shall be considered a test failure.

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**Metric products.** Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within the tolerance specified using conversion tables contained in the latest revision of Federal Standard No. 376, and all other requirements of this document are met.

If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch/pound units, a request should be made to the contracting officer to determine if the product is acceptable.

The contracting officer has the option of accepting or rejecting the product.

**Contractor Certification.** The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description, and that the product conforms to the producers' own drawings, specifications, standards, and quality assurance practices. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

**Regulatory requirements.**

**Federal Food, Drug, and Cosmetic Act.** If the product covered by this document has been determined by the U.S. Food and Drug Administration to be under its jurisdiction, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of the Federal Food, Drug, and Cosmetic Act, as amended, and regulations promulgated thereunder. In addition, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of all other applicable Federal, State, and local statutes, ordinances, and regulations.

**Recovered materials.** The offeror/contractor is encouraged to use recovered material in accordance with Federal Acquisition Regulation Subpart 23.4 to the maximum extent practical.

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Preservation, packaging, packing, labeling, and marking. Unless otherwise specified, preservation, packaging, and packing shall be to a degree of protection to preclude damage to containers and/or contents thereof under normal shipping conditions, handling, etc., involving shipment from the supply source to the receiving activity, plus reshipment from receiving activity, and shall conform to applicable carrier's rules and regulations. Intermediate and exterior package quantities and labeling and marking shall be as specified in the contract and/or order.

Ordering data. Intermediate/exterior package quantities and labeling and marking must be specified in the contract and/or order.

NOTE: The following National Stock Number is covered by this document:

<u>NSN</u>	<u>Item Identification</u>
6530-00-782-6467	Bottle, Spray, Plastic, 1-1/4 oz.

MILITARY INTERESTS:

PREPARING ACTIVITY:

Custodians:

DoD-MB

Army-MD

Agent:

Navy-MS

Air Force-03

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITIES:

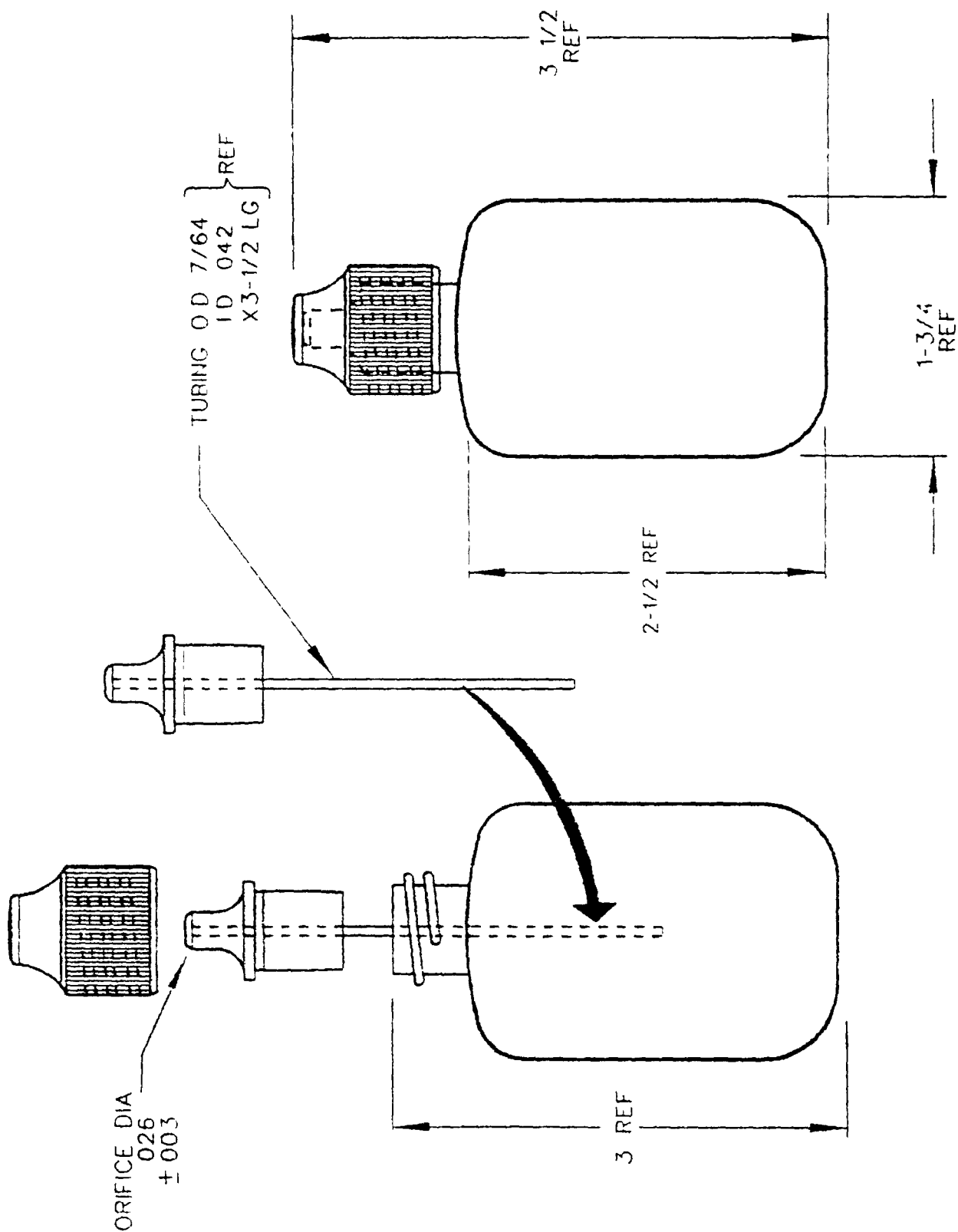
VA-OSS

USPHS

FDA-MPQAS

Project No. 6530-2382

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DIMENSIONS IN INCHES

FIGURE 1 SPRAY BOTTLE, PLASTIC, 1-1/4 oz NSN 6530-782-6467

# STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

## INSTRUCTIONS

- 1 The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
- 2 The submitter of this form must complete blocks 4, 5, 6, and 7.
- 3 The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

### I RECOMMEND A CHANGE:

1 DOCUMENT NUMBER  
A-A-54875

2 DOCUMENT DATE (YYMMDD)  
21 MAY 1993

### 3 DOCUMENT TITLE

SPRAY BOTTLE, PLASTIC

### 4 NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)

### 5 REASON FOR RECOMMENDATION

### 6. SUBMITTER

a. NAME (Last, First, Middle Initial)

b. ORGANIZATION

c. ADDRESS (Include Zip Code)

d. TELEPHONE (Include Area Code)

7. DATE SUBMITTED (YYMMDD)

(1) Commercial

(2) AUTOVON  
(If applicable)

### 8 PREPARING ACTIVITY

a. NAME

b. TELEPHONE (Include Area Code)

(1) Commercial

(2) AUTOVON

c. ADDRESS (Include Zip Code)

IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:  
Defense Quality and Standardization Office  
5203 Leesburg Pike Suite 1403, Falls Church, VA 22041-3466  
Telephone (703) 756-2340 AUTOVON 289-2340