

[METRIC]
A-A-59132
30 January 1998
SUPERSEDING
TT-A-511E
20 May 1992

COMMERCIAL ITEM DESCRIPTION

AMYL ACETATE, TECHNICAL

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

1. **SCOPE.** This commercial item description covers one technical grade amyl acetate, $\text{CH}_3\text{COC}_5\text{H}_{11}$.

2. SALIENT CHARACTERISTICS

2.1 Appearance. Amyl acetate shall be a clear liquid, free of sediment and suspended matter, when visually examined in accordance with the following procedure. Pour approximately 25 mL of the specimen into a clean, dry test tube. Allow to stand for no less than 10 minutes. Examine by transmitted light for clarity, sediment, and suspended matter.

2.2 Chemical and physical requirements. Amyl acetate shall conform to the chemical and physical characteristics of table I when tested as specified therein.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent by letter to: Defense Supply Center Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5610.

AMSC N/A

FSC 6810

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

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Table I. Chemical and physical characteristics.

Characteristics	Requirements		ASTM test method
	Minimum	Maximum	
Color, platinum-cobalt	---	No. 15	D 1209
Odor	---	To pass test	⁽¹⁾ D 1296
Water content, percent by weight	---	0.2	D 1364
Specific gravity, 20 °/20 °C	0.871	0.879	D 268
Nonvolatile matter (g/100 mL)	---	0.005	D 1353
Acidity, (mg of KOH/g)	---	0.28	D 1613
Distillation:			D 1078
Initial boiling point at 760 mm pressure (°C)	124	---	
Distillate below 130 °C, percent by volume	---	10	
Distillate below 140 °C, percent by volume	---	75	
Dry point at 760 mm pressure (°C)	---	155	
Ester content, percent by weight	95	---	D 1617

⁽¹⁾Residual odor test with 2 hour dry time

3. REGULATORY REQUIREMENTS

3.1 Labeling, packaging and marking. Item shall be labeled, packed and marked in accordance with Title 49 Code of Federal Regulations (CFR), Parts 100 to 185.

3.2 Recovered materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR). Unless otherwise specified herein, all equipment, material, and articles incorporated in the work covered by this commercial item description are to be new and fabricated using materials produced from recovered materials to the maximum extent possible without jeopardizing the intended use. The term “recovered materials” means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. Unless otherwise specified, none of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this commercial item description.

3.3 Material safety data sheet (MSDS). An MSDS shall be prepared and furnished in accordance with 29 CFR 1910.1200 and submitted as directed in the contract or order at time of acquisition award.

4. QUALITY ASSURANCE PROVISIONS

4.1 Product conformance. The product provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

4.2 Market acceptability. The item offered must have been sold to the government or commercial market.

5. PACKAGING. Preservation, packing, and marking shall be as specified in the contract or order.

6. NOTES

(This section contains information of a general or explanatory nature which is helpful, but is not mandatory.)

6.1 Source of documents.

6.1.1 American Society for Testing and Materials standards may be obtained from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

6.1.2 The Code of Federal Regulations and the Federal Acquisition Regulation may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-0001.

6.2 Ordering data. Acquisition documents must specify the following:

- a. Title, number, and date of this commercial item description.
- b. Unit and quantity required.
- c. Packaging requirements (see 5).

6.3 National stock number (NSN). The following NSNs correspond to this commercial item description: 6810-00-174-6604 and 6810-00-924-5220. These NSNs may not be indicative of all possible NSNs associated with this document.

6.4 Sources of supply. The following company produces products known to meet the commercial item description requirements. Competition is not limited to this supplier.

Union Carbide
10235 West Little York, Suite 300
Houston, TX 77040
(800) 568-4000

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MILITARY INTERESTS:

Custodians

Army - EA
Air Force - 68
Navy - AS

Reviewers

Army - MD1
Navy - OS

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 10FTE

Preparing Activity:
DLA - GS

(Project 6810-1497)