

[METRIC]
A-A-59314
August 20, 1998
SUPERSEDING
JAN-D-242
30 JULY 1945

COMMERCIAL ITEM DESCRIPTION
DIETHYLPHTHALATE
(For Use in Explosives)

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

1. SCOPE. This Commercial Item Description (CID) covers one grade of diethylphthalate for use in military explosives.

2. SALIENT CHARACTERISTICS.

2.1 Materials. The diethylphthalate shall be provided in the quantity specified in the contract or order (see 6.2).

2.1.1 Ester content. The ester content, as diethylphthalate, shall be 99.0 percent minimum (min.).

2.1.2 Specific gravity. The specific gravity of the diethylphthalate shall be 1.12 ± 0.01 at 15 degrees C/15 degrees C in accordance with ASTM D891.

2.1.3 Acidity. The acidity, as phthalic acid, shall be 0.03 percent, maximum (max.) when tested in accordance with ASTM D1045.

2.1.4 Ash. The ash content of a 10 gm. sample shall be 0.01 percent, max. when tested in accordance with American Chemical Society (ACS) Specifications "Reagent Chemicals".

2.1.5 Color. The color of a 25 ml. sample of the product shall compare to the color of 0.5 ml. of 0.1 N iodine solution, thoroughly mixed into 100 ml. of distilled water.

3. REGULATORY REQUIREMENTS. 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).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, US Army TACOM-ARDEC, Attn.: AMSTA-AR-EDE-S, Bldg 12, Picatinny Arsenal, NJ 07806-5000 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 6810

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

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4. QUALITY ASSURANCE PROVISIONS.

4.1 Product Conformance. The products 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 diethylphthalate must meet the market acceptability criteria specified in the contract or order (see 6.2).

5. PACKAGING. Preservation, packing, and marking shall be as specified in the contract or order (see 6.2).

6. NOTES.

6.1 Source of documents.

6.1.1 The Code of Federal Regulations (CFR) is available by mail order from the Superintendent of Documents, ATTN: New Order, PO Box 371954, Pittsburgh, PA 15250-7954.

6.1.2 ASTM standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

6.1.3 ACS Specifications publication is available from American Chemical Society, Publications Support Services, 1155 Sixteenth Street, NW, Washington, DC 20036.

6.2 Ordering data. Procurement documents should specify the following:

- a. Title, number, and date of this CID.
- b. Issue of Department of Defense Index of Standards and Specifications (DoDISS) to be cited in the solicitation, and if required, the specific issue of individual documents referenced.
- c. Quantity required (see 2.1).
- d. Market acceptability requirements (see 4.2).
- e. Packaging and marking requirements (see 5).

6.3 Material Safety Data Sheets. Products meeting the requirements of this CID may be subject to the requirements of 29 CFR 1910.1200 and FED-STD-313 for Material Safety Data Sheets.

6.4 Transportation. Diethylphthalate is subject to the requirements of 49 CFR 100-185 regarding the transportation of hazardous materials.

MILITARY INTERESTS:

Custodians:

Army-AR
Navy-OS

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS

Preparing Activity:

Army-AR

Review Activity:

DLA-GS

Project 6810-1617

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-59314

2. DOCUMENT DATE (YYMMDD)
980820

Diethylphthalate (For Use in Explosives)

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)
(1) Commercial
(2) AUTOVON
(if applicable)

7. DATE SUBMITTED
(YYMMDD)

8. PREPARING ACTIVITY

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