

METRIC

A-A-59256A

04 December 2019

SUPERSEDING

A-A-59256

11 May 1998

## COMMERCIAL ITEM DESCRIPTION

### DINITROTOLUENE, (FOR USE IN EXPLOSIVES)

The General Services Administration has authorized the use of this commercial item description as a replacement of MIL-D-204 for all federal agencies.

1. SCOPE. This CID covers the general requirements for dinitrotoluene for use in explosives.

2. SALIENT CHARACTERISTICS.

2.1. Material-dinitrotoluene. The chemical requirements and properties in this CID are indicators of purity.

2.2. Chemical and physical properties. Chemical and physical properties shall be as indicated in Table I.

Comments, suggestions, or questions on this document should be addressed to:  
Commander, U.S. Army CCDC, ATTN: FCDD-ACE-SA, Picatinny Arsenal, New Jersey  
07806-5000 or e-mailed to [usarmy.picatinny.ardec.list.ardec-stdzn-branch@mail.mil](mailto:usarmy.picatinny.ardec.list.ardec-stdzn-branch@mail.mil).  
Since contact information can change, you may want to verify the currency of this  
information using ASSIST Online database at <https://assist.dla.mil/>.

AMSC N/A

FSC 1375

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Table I. Chemical and physical properties.

<u>Property</u>	<u>Value</u>
Color	Light yellow through buff
Solidification point, degree Celsius (°C)	68.0°C ± 2.5°C
Acidity (as sulfuric acid)	.01 % content by volume of the H <sub>2</sub> SO <sub>4</sub> Max
Alkalinity	None
Alcohol or benzene insoluble	.10 % Max
Moisture and volatile matter	.25 % Max
Granulation through a U.S. Number 16 sieve	95 % Minimum

3. **REGULATORY REQUIREMENTS.** The offeror/contractor is encouraged to use recovered material to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

#### 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 dinitrotoluene must meet the market acceptability criteria specified in the contract or order (see 6.2(c)).

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. The Code of Federal Regulations (CFR) is available by mail order from the U.S. Government Printing Office, 732 N. Capitol Street NW, Washington, DC 20401.

6.2. Ordering data. Procurement documents should specify the following:

- a. Title, number, and date of this CID.
- b. Packaging and marking requirements (see 5).
- c. Need for market acceptability criteria (see 4.2).

6.3. Transportation. Dinitrotoluene is subject to the requirements of 49 CFR 100-199 regarding the transportation of hazardous materials.

6.4. 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 Safety Data Sheets.

6.5. International standardization agreement. Certain provisions of this CID are the subject of international standardization agreement STANAG No. 4041. When amendment, revision, or

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cancellation of this CID is proposed which will modify the international agreement concerned, the preparing activity will take appropriate action through international standardization channels, including departmental standardization offices, to change the agreement or make other appropriate accommodations.

Military Interests:

Civil Agency Coordinating Activity:  
GSA - FSS

Custodians:

Army - AR

Navy - OS

Preparing Activity:

Army - AR

Reviewing Activities:

Navy - MC

(Project: 1375-2020-001)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.