

[INCH-POUND]
A-A-59162
11 June 1998
SUPERSEDING
O-D-1271B
20 June 1985

COMMERCIAL ITEM DESCRIPTION
DIETHYLENETRIAMINE, TECHNICAL

The General Services Administration has authorized the use of this commercial item description as a replacement for O-D-1271B, for all federal agencies.

1. **SCOPE.** This commercial item description (CID) covers technical grade diethylenetriamine for use in the manufacture of Decontaminating Agent, DS2.

2. **SALIENT CHARACTERISTICS**

2.1 General. Diethylenetriamine is a clear, colorless-to-light-amber liquid with a mild ammoniacal odor.

2.2 Chemical and physical properties. The diethylenetriamine acquired under this document shall conform to the requirements and test methods specified in table I.

TABLE I. Chemical/physical requirements.

Properties	Requirement	Test Method
Assay, % by weight (Minimum)	97.0	Gas Chromatography (See Note 1)
Water content, % by weight (Maximum)	0.5	ASTM E1064
Specific gravity at 20/20 °C	0.950 - 0.958	ASTM D891, Method A
Distillation range at 760 mm Hg:		ASTM D86
Initial boiling point, °C (Minimum)	185.0	
Dry point, °C (Maximum)	215.0	

NOTE 1. Test method is specified in U.S. Pharmacopoeia National Formulary, Reagent Specifications.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any other data which may improve this document should be sent to: Defense Supply Center Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5678.

AMSC N/A

FSC 6810

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

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3. REGULATORY REQUIREMENTS

3.1 Material safety data sheet. Manufacturers shall prepare and submit a material safety data sheet (MSDS) in accordance with FED-STD-313 and meeting the Code of Federal Regulations requirements of 29CFR 1910.1200.

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.

5. PACKAGING

5.1 Preservation, packing, and marking. For acquisition purposes, diethylenetriamine shall be preserved, packed, and marked as specified in the contract or order.

6. NOTES

6.1 Referenced documents.

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

6.1.2 Copies of U.S. Pharmacopoeia National Formulary may be obtained from the United States Pharmacopoeia Convention, Inc., 12601 Twinbrook Parkway, Rockville, MD 20852.

6.2 National stock number (NSN). This CID is associated with NSN 6810-00-995-4804. Other NSNs may also correspond with the product specified in this CID.

MILITARY INTERESTS:

Custodian:
Air Force - 68
Army - MD

CIVIL AGENCY COORDINATING ACTIVITY

GSA - FSS

Preparing activity:
DLA - GS

(Project 6810-1417)