

[INCH-POUND]  
A-A-59123  
16 February 2000  
SUPERSEDING  
O-S-595B  
15 May 1967

## COMMERCIAL ITEM DESCRIPTION

### SODIUM DICHROMATE DIHYDRATE, TECHNICAL

The General Services Administration has authorized the use of this commercial item description as a replacement document for O-S-595B all federal agencies.

1. **SCOPE.** This commercial item description (CID) covers technical grade sodium dichromate dihydrate for use in various industrial applications. Sodium dichromate is typically used as a corrosion inhibitor and as an oxidant in chemical processes.

#### 2. SALIENT CHARACTERISTICS

2.1 General. Sodium dichromate dihydrate shall be furnished in granular form.

2.2 Chemical properties. When tested using the methods and procedures described in "Reagent Chemicals", American Chemical Society (ACS) Specifications, the sodium dichromate produced shall meet the chemical requirements of table I.

TABLE I. Chemical requirements.

Chemical Properties	% by Weight	Limit
Assay ( $\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$ )	99.0	Minimum
Insoluble matter	0.2	Maximum
Sulfate ( $\text{SO}_4$ ) content	0.2	Maximum
Chloride (Cl) content	0.1	Maximum

#### 3. REGULATORY REQUIREMENTS

3.1 Material safety data sheet (MSDS). Manufacturers shall prepare and submit a MSDS in accordance with FED-STD-313, "Material Safety Data, Transportation Data and Disposal Data for

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 23297-5610.

AMSC N/A

FSC 6810

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

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Hazardous Materials Furnished to Government Activities", and meeting the Code of Federal Regulations (CFR) requirements of 29 CFR 1910.1200, "Occupational Safety and Health Standards: Hazard Communication".

#### 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, the sodium dichromate shall be preserved, packed, and marked as specified in the contract or order.

#### 6. NOTES

6.1 Sources of documents.

6.1.1 ACS specifications. Copies of ACS specifications may be obtained from the American Chemical Society, 1155 16th Street NW, Washington, DC 20077-5768.

6.1.2 Government documents. Printed CFR and Federal Standards may be obtained from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328. Electronic copies of CFR documents may be obtained from <http://www.access.gpo.gov>. Electronic copies of Federal Standards may be obtained from <http://astimage.daps.dla.mil/quicksearch/>.

6.2 National stock number (NSN). This CID is associated with NSN 6810-00-262-8566 and NSN 6810-00-281-2686. Other NSNs may also correspond with this CID.

#### MILITARY INTERESTS:

Custodians:

Army - MI

Navy - OS

Air Force - 68

#### CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:  
DLA - GS

(Project 6810-1425)