

[METRIC]
A-A-59121
22 September 1997
SUPERSEDING
O-O-690C
14 May 1992

COMMERCIAL ITEM DESCRIPTION

OXALIC ACID, DIHYDRATE, TECHNICAL

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 two classes of technical grade oxalic acid dihydrate.

2. CLASSIFICATION

Class 1 - Large crystals

Class 2 - Small crystals

3. SALIENT CHARACTERISTICS

3.1 Chemical characteristics. When tested in accordance with the procedures of the American Chemical Society, "Reagent Chemicals, American Chemical Society Specifications", the oxalic acid dihydrate shall meet or exceed the requirements of table I.

3.2 Physical characteristics. When tested using American Society for Testing and Materials (ASTM) B 214, "Standard Test Method for Sieve Analysis of Granular Metal Powders", the particle size supplied shall meet the requirements of table II.

4. REGULATORY REQUIREMENTS

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

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. Oxalic acid dihydrate requirements.

Item	Requirement
Assay, oxalic acid dihydrate	≥99.0% by weight
Ignition residue	≤0.20% by weight

TABLE II. Particle sizes.

Class	Size	Percent Pass	Sieve	Percent Retain	Sieve
1	Large Crystal	---	---	>85%	1.40 mm (No. 14)
2	Small Crystal	100%	2.00 mm (No. 10)	>75%	500 μm (No. 35)

4.2 Material safety data sheets. Material safety data sheets shall be prepared and furnished in accordance with 29 CFR 1910.1200.

5. QUALITY ASSURANCE PROVISIONS

5.1 Product conformance. The product provided shall meet the salient characteristics of this CID, 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.

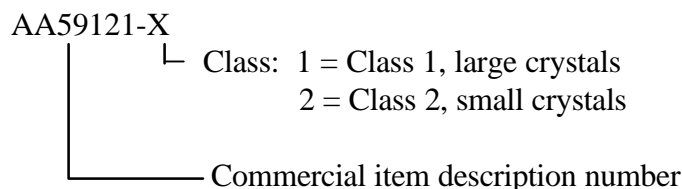
5.2 Market acceptability. The item offered must have been sold to the government or commercial market.

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

7. NOTES.

7.1 Part identification number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.

This example describes a part numbering system for CID A-A-59121.



7.2 Source of documents.

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

7.2.2 The Code of Federal Regulations (CFR) and the Federal Acquisition Regulations (FAR) may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-0001.

7.2.3 American Chemical Society specifications may be obtained from the American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036.

7.3 Ordering data. Acquisition documents must specify the following:

7.3.1 Title, number, and date of this CID.

7.3.2 The class of material wanted, i.e., class 1 or 2.

7.3.3 Unit and quantity required.

7.3.4 Packaging requirements.

7.4 National stock numbers (NSNs). The following is a list of NSNs assigned which correspond to this CID. The list may not be indicative of all possible NSNs corresponding to this document.

6810-00-264-3937

6810-00-264-6619

6810-00-264-6625

7.5 Sources of supply. The following companies produce products which are known to meet the requirements of this CID. Competition is not limited to the suppliers listed.

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Company

SAF Bulk Chemicals
PO Box 2060
Milwaukee, WI 53233
(800) 336-9719

Ashland Chemical Co.
P.O. Box 2219
Columbus, OH 43216
(614) 790-3485

Haviland Products Co.
1835 Turner NW
Grand Rapids, MI 49504
(616) 361-6691

MILITARY INTERESTS:

Custodians:

Air Force - 68
Army - MD1

Preparing Activity:

DLA - GS
(Project No: 6810-1432)