

METRIC

A-A-20043A
November 16, 1998
SUPERSEDING
A-A-20043
August 16, 1982

COMMERCIAL ITEM DESCRIPTION

CREAMER, NON-DAIRY, DRY

The U.S. Department of Agriculture has authorized the use of this Commercial Item Description.

1. SCOPE.

1.1 This Commercial Item Description (CID) covers dry, non-dairy creamer packed in commercially acceptable containers, suitable for use by the Federal, State, local governments, and other interested parties, and as a component of operational rations.

2. SALIENT CHARACTERISTICS.

2.1 **Ingredients:** The non-dairy, dry creamer shall contain corn syrup solids, vegetable fats or oils, sodium caseinate, dipotassium phosphate, mono- and diglycerides, sodium silicoaluminate, lecithin, natural and/or artificial flavors, and natural and/or artificial colors. The non-dairy, dry creamer may contain sodium tripolyphosphate, sodium stearoyl lactylate, and tricalciumphosphate. Titanium dioxide shall not be used.

2.2 **Food Chemicals Codex Purity:** The ingredients listed in the Food Chemicals Codex shall comply with the purity standards of the Food Chemicals Codex.

2.3 **Consistency:** The non-dairy creamer shall be a free flowing uniform granular powder and shall be free from lumps.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Commander, Defense Supply Center Philadelphia, 2800 South 20th Street, ATTN: DSCP-HSL, Philadelphia, PA 19145-5099 or FAX (215) 737-2963.

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

2.4 Dispersability: After adding to hot liquid, the product shall readily dissolve within 15 seconds and show no evidence of curdling, feathering, or undissolved floating particles.

2.5 Color: The non-dairy creamer shall possess a white to light cream-color.

2.6 Odor and flavor: The non-dairy creamer shall impart a sweet creamy flavor, free from foreign or objectionable flavors and odors (e.g., sour, malty, tallowy, stale, soapy, rancid, bitter, or scorched flavors or odors).

2.7 Age requirement: Unless otherwise specified in the solicitation, contract, or purchase order, the non-dairy creamer shall be processed and packaged not more than 90 days prior to receipt at destination.

2.8 Foreign material: All ingredients shall be clean, sound, wholesome, and free from evidence of rodent or insect infestation. Also, all ingredients shall be free from foreign material such as, but not limited to, dirt, insect parts, hair, wood, glass, or metal.

2.9 Analytical and microbiological requirements: Unless otherwise specified in the solicitation, contract, or purchase order, the non-dairy creamer shall conform to the following analytical requirements and microbiological requirements:

Fat	Not less than 33.0 percent
Moisture	Not more than 3.0 percent
Standard plate count	Not more than 20,000 per gram
Coliform count	Not more than 10 per gram
Salmonella	Negative

2.9.1 Analytical procedure: 227 grams (eight ounces) of non-dairy creamer shall be selected from a minimum of five randomly selected cans or jars, or from the appropriate number of envelopes.

2.9.2 Analytical and microbiological testing: Analytical and microbiological testing shall be in accordance with the following methods from the Official Methods of Analysis of the AOAC International, or from the Bacteriological Analytical Manual (BAM) method.

Test	Method
Fat	932.06
Moisture	927.05
Standard plate count	990.12 or 966.23 or BAM, Ch.3
Coliform	991.14 or BAM, Ch. 4
Salmonella	994.04 or 967.26

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2.9.3 Test results: The test results for fat and moisture shall be reported to the nearest 0.1 percent. The test results for standard plate count shall be reported to the nearest 1,000 per gram. The test results for coliform count shall be reported to the nearest gram. The test results for salmonella shall be reported according to the test method. Any test result not conforming to the analytical and microbiological requirements shall be cause for rejection of the lot.

3. REGULATORY REQUIREMENTS.

3.1 The delivered non-dairy, dry creamer shall comply with all applicable Federal, State, and local mandatory requirements and regulations relating to the preparation, processing, packaging, labeling, storage, distribution, and sale of the non-dairy, dry creamer within the commercial marketplace. Delivered non-dairy, dry creamer shall comply with all applicable provisions of the Federal Food, Drug, and Cosmetic Act and regulations promulgated thereunder.

4. QUALITY ASSURANCE PROVISIONS.

4.1 Product conformance. The non-dairy, dry creamer shall meet the salient characteristics of this CID, conform to the producer's own specifications, standards, and quality assurance practices, and be the same non-dairy, dry creamer offered for sale in the commercial market. The purchaser reserves the right to require proof of such conformance.

4.2 Quality assurance. When required in the solicitation, contract, or purchase order, the United States Department of Agriculture, Dairy Grading Branch, shall determine the quality assurance of the non-dairy creamer according to the requirements of this CID or applicable standards or specifications. The non-dairy creamer shall be examined or analyzed in accordance with applicable provisions in this CID, solicitation, contract, or purchase order, and, when applicable, the United States Standards for Condition of Food Containers in effect on the date of the solicitation.

5. PACKAGING.

5.1 Preservation, packaging, packing, labeling, and case marking. Preservation, packaging, packing, labeling, and case marking shall be as specified in the solicitation, contract, or purchase order.

6. NOTES.

6.1 Sources of documents.

6.1.1 Sources of information for nongovernmental documents are as follows:

Copies of the Official Methods of Analysis of the AOAC International may be obtained from: **AOAC International, 481 North Frederick Avenue, Suite 500, Gaithersburg, MD 20877.**

Copies of the Food Chemical Codex may be purchased from: **National Academy Press, 2101 Constitution Avenue, NW, Washington, DC 20418.**

6.1.2 Sources of information for governmental documents are as follows:

Applicable provisions of the Federal Food, Drug, and Cosmetic Act are contained in 21 CFR Parts 1 to 199. This document may be purchased from: **Superintendent of Documents, ATTN: New Orders, P. O. Box 371954, Pittsburgh, PA 15250-7954.** Credit Card (MasterCard or VISA) purchases may be made by calling the Superintendent of Documents on (202) 512-1803 or on the Internet at: <http://www.nara.gov/fedreg>.

Copies of the United States Standards for Condition of Food Containers are available from: **Chairperson, Condition of Container Committee, United States Department of Agriculture, STOP 0243, 1400 Independence Avenue, SW, Washington, DC 20250-0243.**

Civil agencies and other interested parties may obtain copies of this CID from: **General Services Administration, Federal Supply Service, Specifications Section, Suite 8100, 470 East L'Enfant Plaza, SW, Washington, DC 20407.**

Military activities should submit requests for copies of this CID to: **Standardization Documents Order Desk, Defense Automation Printing Service, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.**

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MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITIES:

Custodians

Army - GL
Navy - SA
Air Force - 35

DOJ - BOP
HHS - NIH, IHS
USDA - FV
VA - OSS

Review Activities

Army - MD, QM
Navy - MC

PREPARING ACTIVITY:

DLA - SS

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