

A-A-20041A
February 8, 1989
 SUPERSEDING
 A-A-20041
 August 17, 1981

COMMERCIAL ITEM DESCRIPTION

SALT, TABLE, IODIZED

The U.S. Department of Agriculture has authorized the use of this Commercial Item Description in preference to Federal Specification S-S-31.

This Commercial Item Description (CID) covers iodized table salt, packed in commercially acceptable containers, suitable for use by the Federal Government.

Salient Characteristics.

The salt shall be white, free-flowing, fine granulated, and shall be derived from evaporated salt sources. The salt shall contain one or more effective anticaking agents. The finished product shall contain no more than 0.1 percent moisture, by weight, and shall contain not less than 97.5 percent sodium chloride on a moisture-free basis. The iodized salt shall contain not less than 0.006 percent nor more than 0.01 percent potassium iodide with suitable stabilizers, the quantity of which shall be limited by the sodium chloride requirement.

Analytical requirements.

Chemical analyses shall be made in accordance with the following methods in the latest edition of the Official Methods of Analysis of the Association of Official Analytical Chemists.

<u>Test</u>	<u>Chapter and Section</u>	<u>Method</u>
Moisture	Chapter: Waters; and Salt Section: Salt	Moisture
Sodium chloride	Chapter: Waters; and Salt Section: Water	Chloride (calculated as sodium chloride)
Iodine	Chapter: Waters; and Salt Section: Salt	Iodine in Iodized Salt

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

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Contractor's Certification.

By submitting an offer, the contractor certifies that the product offered meets the specified salient characteristics and requirements of this CID; conforms to the producer's own specifications and standards, including product characteristics, manufacturing procedures, quality control procedures, and storage and handling practices; has a national or regional distribution from storage facilities located within the United States, its territories, or possessions; and is sold on the commercial market. The Government reserves the right to determine proof of such conformance prior to the first delivery from point of origin and any time thereafter, up to and including delivery at final destination, as may be necessary to determine conformance with the provisions of the contract.

Regulatory requirements.

The delivered product shall comply with all applicable Federal and State mandatory requirements and regulations relating to the preparation, packaging, labeling, storage, distribution, and sales of the product in the commercial marketplace. All deliveries shall conform in every respect to the provisions of the Federal Food, Drug, and Cosmetic Act and regulations promulgated thereunder.

Quality assurance.

When required in the solicitation, contract, or purchase order, the Processed Products Branch, Fruit and Vegetable Division, Agricultural Marketing Service, U.S. Department of Agriculture, will determine the quality assurance of the salt according to Processed Products Branch procedures. The product shall be examined and/or analyzed in accordance with applicable provisions in the CID, and when applicable, the United States Standards for Condition of Food Containers currently in effect on the date of the solicitation.

Examination of filled and sealed 4-gram envelopes.

The sampling plan shall be as indicated by Table I. The filled and sealed 4-gram envelopes shall be examined for the defects listed in Table II. Samples shall be selected at random.

TABLE I. Sampling plan for sealed 4-gram envelope examination

Lot size (envelopes)	Sampling size (envelopes)	Acceptance number	Rejection number
500 or less	13	0	1
501 to 3,200	50	1	2
3,201 to 10,000	80	1	2
10,001 to 35,000	125	2	3
35,001 to 150,000	200	3	4
150,001 to 500,000	315	7	8
500,001 or more	500	10	11

TABLE II. Filled and sealed 4-gram envelope defects

<u>Category</u>	<u>Defect</u>
<u>Major</u>	
101	Tear, hole, open seal, or sifter. 1/
102	Seals not produced by heat.
103	Envelope not formed or sealed as specified.
104	Individual envelopes that stick together and that tear when separated.

1/ A sifter is an envelope that loses any amount of product when shaken vigorously.

Preservation, packaging, packing, labeling, and marking.

The salt shall be preserved, packaged, packed, labeled, and case marked in accordance with good commercial practice. Commercial labeling and packaging, as may be augmented by the solicitation, contract, or purchase order, shall be acceptable. Shipping containers shall comply with the National Motor Freight Classification or Uniform Freight Classification, as applicable.

For Department of Defense procurements.

The following requirements are applicable when specified by the contracting officer.

A. Commercial packaging. Product shall be packaged in accordance with good commercial practice in the following weights per unit package: not less than 0.75-gram packet, 1-pound bag, or 5-pound bag. The 1-pound bag shall be fitted with a pouring spout. One thousand of the 0.75-gram packets shall be packaged in an intermediate polyethylene bag or paperboard box.

B. Commercial packing. Product shall be packed in a manner to ensure carrier acceptance and safe delivery at destination at the lowest transportation rate for such supplies. The shipping container shall be in accordance with the Uniform Freight Classification or National Motor Freight Classification, as applicable.

C. Export packaging. Product shall be packaged in accordance with good commercial practice in the following weights per unit package: not less than 0.75 gram packet or 5-pound bag. One thousand of the 0.75-gram packets shall be packaged in an intermediate polyethylene bag or paperboard box.

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D. Packaging for operational rations. Product for operational rations shall be packaged in accordance with good commercial practice in a 4-gram package. The salt shall be packaged in an envelope having maximum outside dimensions of 2-1/2 inches by 1-5/8 inches by 1/8 inch thick when filled. The envelope shall be made from 25 pounds-per-ream sulfite pulp, kraft pulp, or a mixture. The color shall be natural kraft or dull brown. The paper shall be coated on one side with polyethylene. The envelope shall be formed and closed by heat sealing on no less than three of four sides and shall not allow sifting or spillage of the product.

E. Export packing. Product shall be packed as follows:

(1) Not less than 0.75-gram packet or 5-pound bag. Twelve 5-pound bags or not more than 15 pounds of the 0.75-gram packets of salt shall be packed in a fiberboard box, constructed, closed, and reinforced in accordance with PPP-B-636, Grade V3c, V3s, or V4s, Style RSC. Packets shall be enclosed in a waterproof case liner, fabricated and sealed in accordance with MIL-L-10547 for subsistence items. Reinforcement shall be limited to nonmetallic strapping or pressure-sensitive adhesive, filament-reinforced tape.

(2) Five-pound bag. Twelve 5-pound bags of salt shall be packed in a multiwall paper shipping sack, fabricated, and sealed in accordance with UU-S-48, Type I, Style B or Type II, Style A, Construction 4 or 4X, MBI.

F. Packing envelopes for ration assembly. Six paperboard cartons containing 1,000 - 4-gram envelopes each or three paperboard cartons containing 2,000 - 4-gram envelopes each shall be packed in snug-fitting containers complying with Uniform Freight Classification or National Motor Freight Classification, as applicable. Alternatively, 2,000 - 4-gram envelopes each shall be packed directly in a snug-fitting shipping container complying with the Uniform Freight Classification or National Motor Freight Classification, as applicable.

G. Unit loads (commercial and export). Shipping containers shall be arranged in unit loads in accordance with MIL-L-35078. When unit loads are strapped, strapping shall be limited to nonmetallic strapping, except for Type II, Class F loads.

H. Labeling (commercial and export). Commercial labeling shall be acceptable.

I. Marking (commercial and export). Marking of unit pack, shipping containers, and unit loads shall be in accordance with MIL-STD-129.

Notes.

The purchaser must specify the size container desired.

Sources of documents:

Sources of information for nongovernmental documents are as follows:

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Copies of the National Motor Freight Classification may be obtained from:

National Motor Freight Traffic Association, Inc., Agent
National Motor Freight Classification
American Trucking Associations, Inc., Traffic Department
2200 Mill Road
Alexandria, VA 22314

Copies of the Uniform Freight Classification may be obtained from:

Uniform Classification Committee, Agent
Uniform Freight Classification
Uniform Classification Committee, Suite 1120
222 South Riverside Plaza
Chicago, IL 60606

Copies of the Official Methods of Analysis of the Association of Official Analytical Chemists may be obtained from:

Association of Official Analytical Chemists
1111 North 19th Street
Suite 210
Arlington, VA 22209

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 1-199. This three-volume set may be purchased from:

Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402-0001

Credit card (Master Charge or Visa) purchases may be made by calling the Superintendent of Documents on (202) 783-3238.

Copies of the United States Standards for Condition of Food Containers are available from:

Chairman
Condition of Food Container Committee
Agricultural Marketing Service
U.S. Department of Agriculture
Room 0608, South Building
P.O. Box 96456
Washington, DC 20090-6456

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Civil agencies and other interested parties may obtain copies of this CID from:

General Services Administration
Specifications Unit (3FB-WS)
Room 6654
7th and D Streets, SW
Washington, DC 20407

Military activities should submit request for copies of this CID to:

Naval Publications and Forms Center
5801 Tabor Avenue
Philadelphia, PA 19120-5099

Comments and suggestions.

Comments and suggestions regarding this CID should be submitted to:

U.S. Army Natick Research,
Development and Engineering Center
ATTN: STRNC-ES
Natick, MA 01760-5014

MILITARY INTERESTS:

Custodians

Army - GL
Navy - SA
Air Force - 50

Review Activities

Army - MD, TS
Navy - MC
DP - SS

CIVIL AGENCY COORDINATING ACTIVITIES:

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

PREPARING ACTIVITY:

Army - GL

Project No. 8950-0326