

NOT MEASUREMENT SENSITIVE

A-A-59961
12 January 2015

COMMERCIAL ITEM DESCRIPTION

SODA, MODIFIED (SESQUICARBONATE TYPE)

The General Service Administration has authorized the use of this commercial item description for all federal agencies.

1. **SCOPE.** This commercial item description covers modified soda (sesquicarbonate type) for use in various washing cleaning and scouring processes, with or without soap, where a mildly alkaline material is desired.

2. SALIENT CHARACTERISTICS.

2.1 Composition. The modified soda shall have a composition as specified in table I.

TABLE I. Composition.

	Min	Max
Total alkalinity as Na ₂ O, %	39	43
Sodium bicarbonate (NaHCO ₃), %	35	50
Sodium carbonate (Na ₂ CO ₃), %	35	50
Matter insoluble in water, %		0.1

2.2 Sampling and analysis. The material shall be sampled and analyzed in accordance with ASTM D501, "Standard Test Methods of Sampling and Chemical Analysis of Alkaline Detergents".

2.3 Appearance. The material shall be a white, uniform powder or crystal.

3. REGULATORY REQUIREMENTS.

3.1 Safety data sheet (SDS). A SDS shall be prepared and furnished in accordance with Title 29, Code of Federal Regulations (CFR), paragraph 1910.1200.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to DLA Aviation, VEB, 8000 Jefferson Davis Highway, Richmond, VA 23297-5616 or e-mailed to STDZNMGT@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST database at https://assist.dla.mil .

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3.2 Recycled and bio-based materials. The offeror/contractor is encouraged to use recovered and/or bio-based materials to the maximum extent practical, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4. QUALITY ASSURANCE PROVISIONS

4.1 Product conformance. The product 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.

4.2 Market acceptability. The item offered must have been sold to the Government or commercial market.

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

6. NOTES.

(This section contains information of a general or explanatory nature that is helpful, but is not mandatory.)

6.1 Source of documents.

6.1.1 Copies of the CFR and FAR may be obtained from the U.S. Government Printing Office, 732 North Capital Street NW, Washington, DC 20401-0001 or online at <http://www.gpo.gov>.

6.1.2 Copies of ASTM documents may be obtained from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 or online at www.astm.org.

6.2 Ordering data. Acquisition documents must specify the following:

- a. Title, name, and date of this specification.
- b. Unit and quantity required.
- c. Packaging requirements.

6.3 Supersession. This CID is to intended to replace the withdrawn ASTM D457, "Standard Specification for Modified Soda (Sesquicarbonate Type)".

6.4 National stock number (NSN). NSN 6810-00-264-6589 corresponds to this CID. This may not be the only NSN associated with this document.

6.5 Keywords.

Sodium carbonate
Sodium bicarbonate

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Custodians:

Army – AV
Navy – SH
AF – 68
DLA – GS

Review activities:

Army – MI

CIVIL AGENCY
COORDINATING ACTIVITY

GSA – FAS

Preparing Activity:

DLA – GS3

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