

A-A-19B  
October 22, 1981  
SUPERSEDING  
A-A-19A  
January 18, 1981

COMMERCIAL ITEM DESCRIPTION

SCALE REMOVING COMPOUND (POWDER, SULFAMIC ACID)

The General Services Administration has authorized the use of this commercial item description in lieu of Federal Specification P-S-120B, Type I.

This commercial item description covers a powdered scale removing compound for removing calcium carbonate, magnesium hydrate, rust and other water scale deposits from salt water evaporators, fresh water cooling and distributing systems, heat exchangers and commercial dishwashing machines.

Salient characteristics:

The product shall be a free flowing, water-soluble powder.

The product shall contain not less than 90 percent by weight sulfamic acid when tested by the USP Nitrite Titration Method (USP XX, page 925). Each ml of .1M of sodium nitrite is equivalent to 9.71 mg of sulfamic acid.

A 1 percent solution of the product in distilled water shall have a pH not greater than 1.20 when tested as specified in ASTM E 70.

The issue of ASTM E 70 in effect on the date of the solicitation shall be used to determine compliance with this requirement.

The product shall contain metanil yellow dye with a dye stabilizer to indicate when the scale removing compound is spent during the descaling process.

The product shall be labeled with directions for use.

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product sold in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Packaging, packing, and marking. Packaging, packing, and marking shall be as specified in the contract or order.

ASTM standards are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

The United States Pharmacopeia (USP) is available from the United States Pharmacopeial Convention, Inc., 12601 Twinbrook Parkway, Rockville, MD 20852.

MILITARY INTEREST

Review Activity

DLA-DGSC

PREPARING ACTIVITY:

GSA-FSS