



AWWA B500-66

American Water Works Association

AWWA STANDARD
for
TRISODIUM PHOSPHATE

This "Standard for Trisodium Phosphate" is based upon the best known experience and is intended for use under normal conditions. It is not designed for use under all conditions and the advisability of use of the material herein specified in any water treatment plant must be subjected to review by the chemist/engineer responsible for operations in the locality concerned.

Approved as Standard by the AWWA Board of Directors on May 15, 1953;
revised May 22, 1966.

AMERICAN WATER WORKS ASSOCIATION
Incorporated

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Foreword

This foreword is for information and is not a part of AWWA B500-66

Trisodium phosphate is a fine, white, free-flowing crystalline salt. It is made by neutralizing phosphoric acid with soda ash and sodium hydroxide. Trisodium phosphate dissolves readily in water and is a powerful and strongly alkaline detergent. Solutions of trisodium phosphate dissolve and emulsify fats and oils, and soften water. It has other uses in the glass, ceramic, food, leather, lumber, metal-working, sugar, and textile industries. It is also used in the graphic arts.

The first AWWA Standard for Trisodium Phosphate was prepared under the auspices of the Water Purification Division. This revision was done by AWWA Committee 7470 P. The committee consulted the major manufacturers of trisodium phosphate for new variations in their product and for new analytical methods that might be in use. All were found to be using

the testing methods provided in the 1953 edition. Therefore, these methods were carried forward without change.

The principal changes incorporated in this revision are:

1. Provision of an expanded foreword to present historical information on development of the standard and information on use of trisodium phosphate

2. Addition of new sections: Sec. 3A—Information to Be Supplied by the Purchaser; and Sec. 4A—Affidavit of Compliance

3. Rewriting of Sec. 8A—Rejection, to expand and clarify the definition of the requirements for testing

4. Enlargement of Sec. 4B—Marking, to allow for a manufacturer's warranty that the product meets the AWWA Standard.

Prepared by
Committee 7470 P—Trisodium Phosphate

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